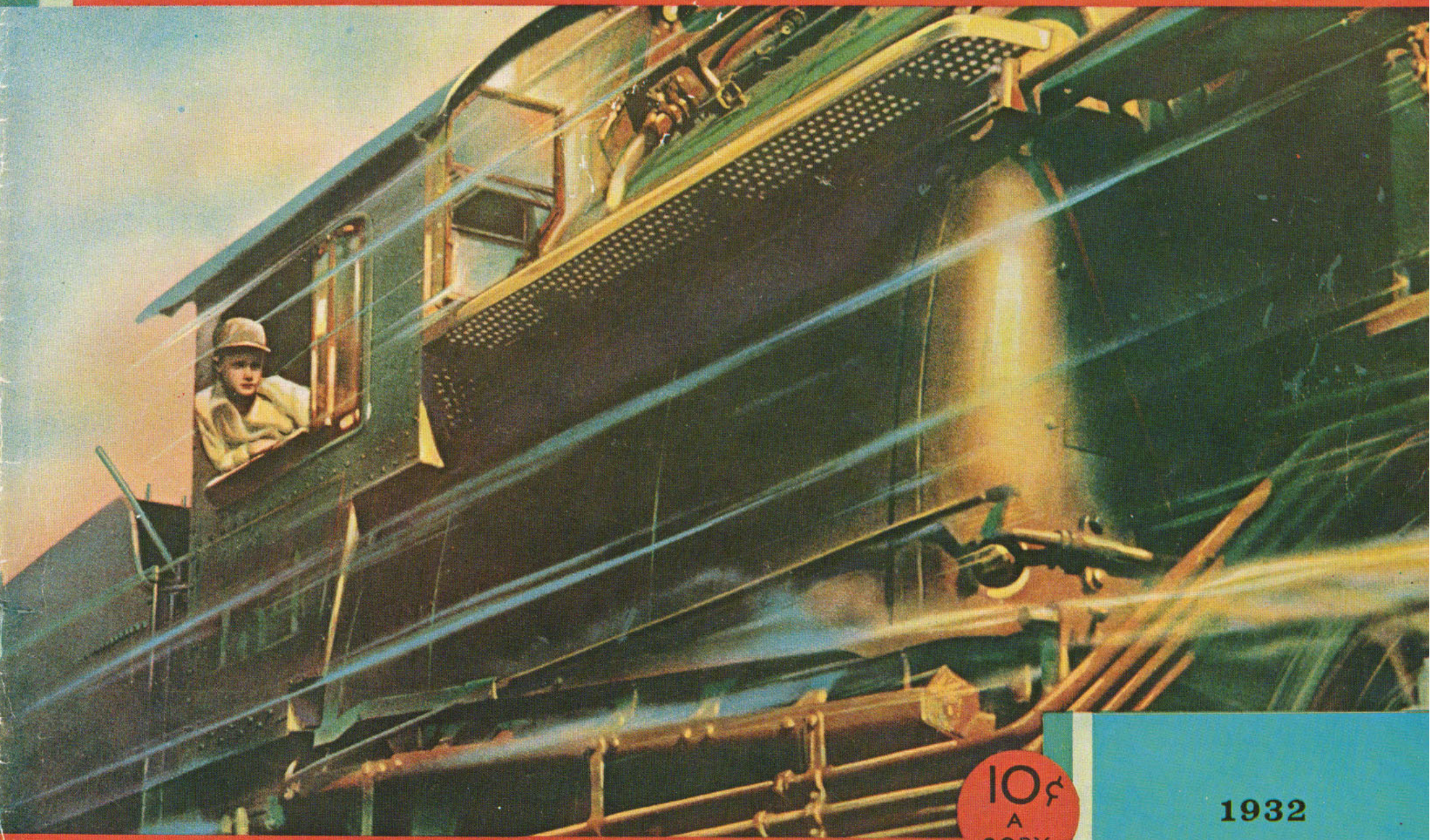
LIONEL ELECTRIC TRAINS

THE TRAINS THAT RAILROAD MEN BUY FOR THEIR BOYS



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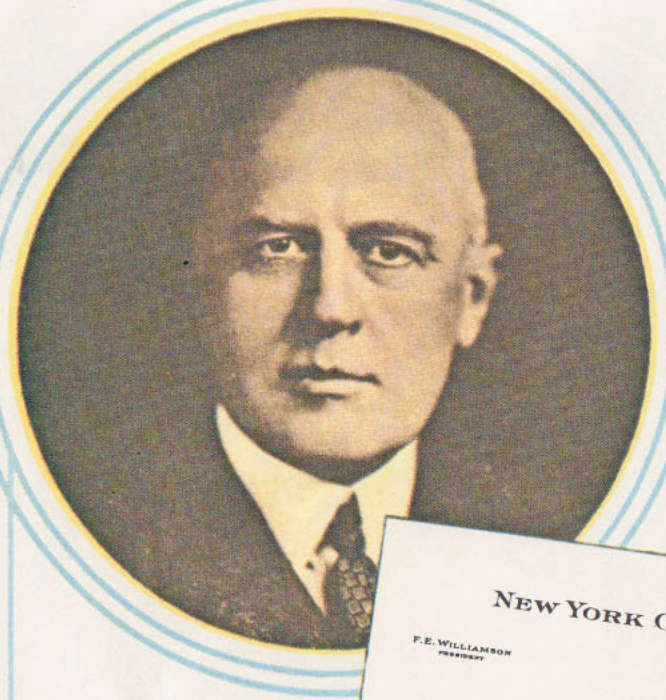
1932

"A Boy's Dream Come True"

"THE TRAINS THAT RAILROAD MEN BUY FOR THEIR BOYS"



F. E. WILLIAMSON
President
New York Central Lines

www.frontier-trading.com

NEW YORK CENTRAL LINES

F. E. WILLIAMSON
PRESIDENT

NEW YORK CENTRAL BUILDING
230 PARK AVENUE
NEW YORK

May 3, 1932

The Lionel Corporation
15 East 26th Street
New York, N. Y.

Gentlemen:

Transportation of goods and persons by railroads is one of the essential services in America. Though other means of transportation play important parts in American life, the railways still remain and will remain the mainstay of our industrial civilization. For long distance mass transportation, no substitute has yet been found for the modern railroad.

Railroading is a fascinating as well as a useful occupation and it attracts a type of man who is willing to devote his entire career to it. It employs in its service men trained in practically every branch of human endeavor, and success in it is in a way a hall mark of public service. The boys of today might well consider the railroad as offering worthwhile careers to those who are ambitious and not afraid of hard work.

Lionel Trains and particularly the splendid Lionel model of the Twentieth Century Limited, give the boys of today an unexcelled opportunity to get at first hand and in actual practice, some of the fundamentals of railroading in miniature form.

Sincerely yours,

F. E. Williamson

"Every railroad man has a warm spot for Lionel Trains. They are not only beautiful but mechanically perfect. I have all the more reason to be proud of them, having seen the Lionel replica of the 'Olympian,' the crack train of the Chicago, Milwaukee, St. Paul & Pacific which I drive daily."

Otto J. Christensen
Chicago, Milwaukee, St. Paul & Pacific Railroad

"I was particularly thrilled to see Lionel's model of the 'Pennsylvania Limited.' Naturally, I who drive the 'Pennsylvania Limited' nearly every day would be, but I can understand what a thrill it must be for the lucky boys who are privileged to play with Lionel's replica of this famous train."

E. H. Gerhart
The Pennsylvania Railroad

"I have watched my grandsons, Austin and Robert, enjoy the thrills of model railroading as they play with their Lionel model of the 'Blue Comet.' It seems as fascinating to them as it is for me to drive the real 'Blue Comet.' Judging from the questions which they ask, they are learning as they play."

Wm. J. Smith
The Central Railroad of New Jersey

"Boys of to-day are living in a marvelous age. Lionel Trains have made possible the transfer to the home of whole railroad systems in miniature. As he plays, the boy learns the principles of modern railroading—just as we apply them in operating the North Coast Limited of the Northern Pacific Railway."

W. F. Brightbill
Northern Pacific Railway

"It is natural for Railroad Men to buy Lionel Trains for their boys. They are the most realistic model trains made. They are sturdily built and powerful. They are also beautiful to look at, not only for their color but for their stream line proportions. More power to Lionel Electric Trains! I heartily endorse them."

W. A. McAfee
Atchison, Topeka & Santa Fe Railroad

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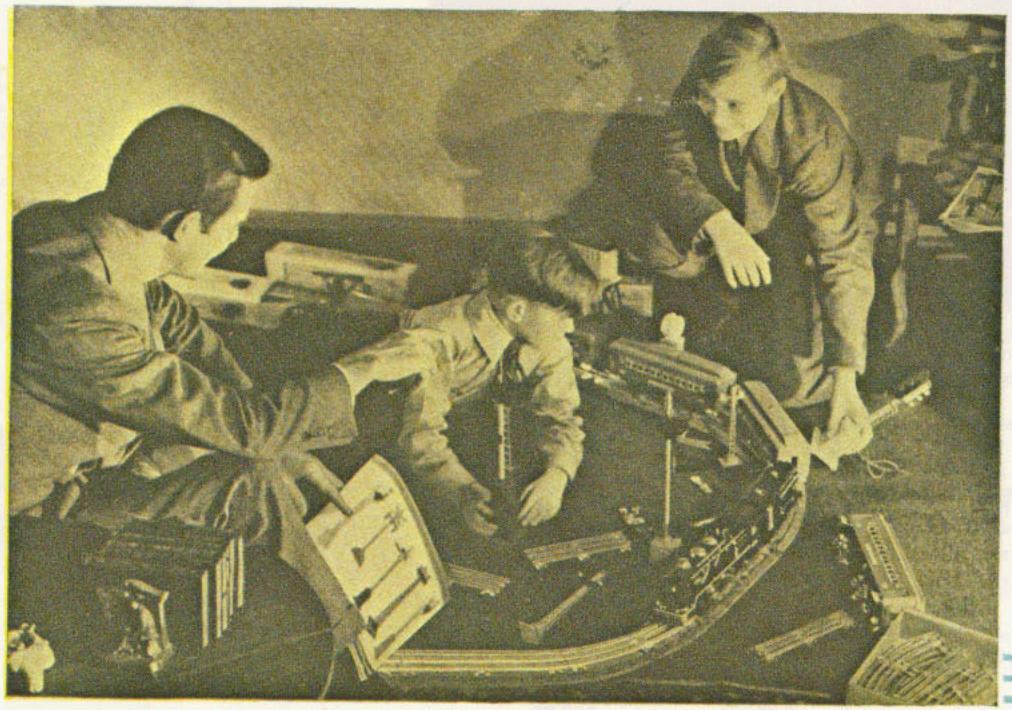
TAKE YOUR DAD INTO PARTNERSHIP • • • MAKE HIM YOUR PAL

THAT Dad of yours can be a mighty good pal. Take him into partnership and let him help you build a real railroad system with Lionel Trains and Accessories.

Dad knows nearly everything. But he also wants you to know the things he has learned through the school of experience. He realizes how a Lionel Train will help you to learn the principles of Electricity and Mechanics and knows it will be helpful to you in years to come. He realizes how important it is for you to acquire a working knowledge of railroad problems and the various meanings of signals and train controls. He knows that a Lionel Train will develop in you the instinct to think and act quickly.

All this you can get in the most practical way—by actually laying out track, setting up a signal system and operating the train itself.

Tell your Dad why you want a Lionel Train and how much it will mean to you and to him. Get him to help you work out your railroad system and you'll soon realize, as you never did before, what a regular fellow he is.



Bob Butterfield — Famous Engineer of the "Twentieth Century Limited," running Lionel's "Twentieth Century" for his grandchildren, Richard and Bob Butterfield 3rd. *(See page 25.)*

You'll realize that no buddy of yours, no one except your Mother, has your interest and your happiness so at heart as your Dad. And that's another reason why you should take him into partnership with you in building a model railroad. For Lionel Trains have a way of making a lifelong comradeship between a boy and his Dad.

Go to your Dad now. Ask him to go into partnership with you in selecting and operating your Lionel Train.

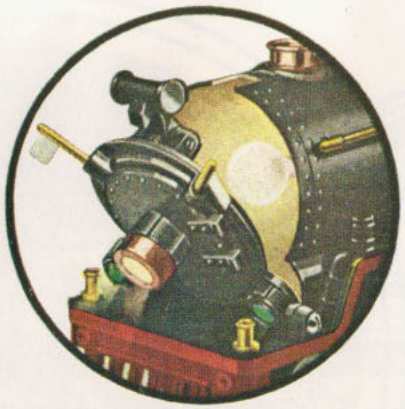
THE LIONEL CORPORATION

15 EAST 26TH STREET NEW YORK, N. Y.

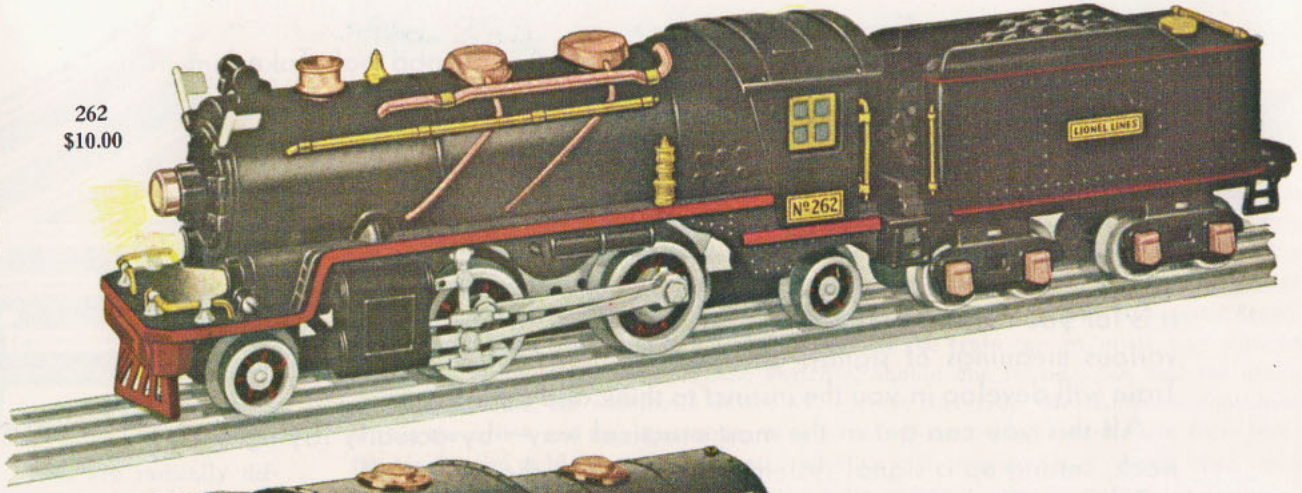
POWERFUL "O" GAUGE LOCOMOTIVES WITH HINGED BOILER FRONTS

FOR "O" GAUGE TRACK

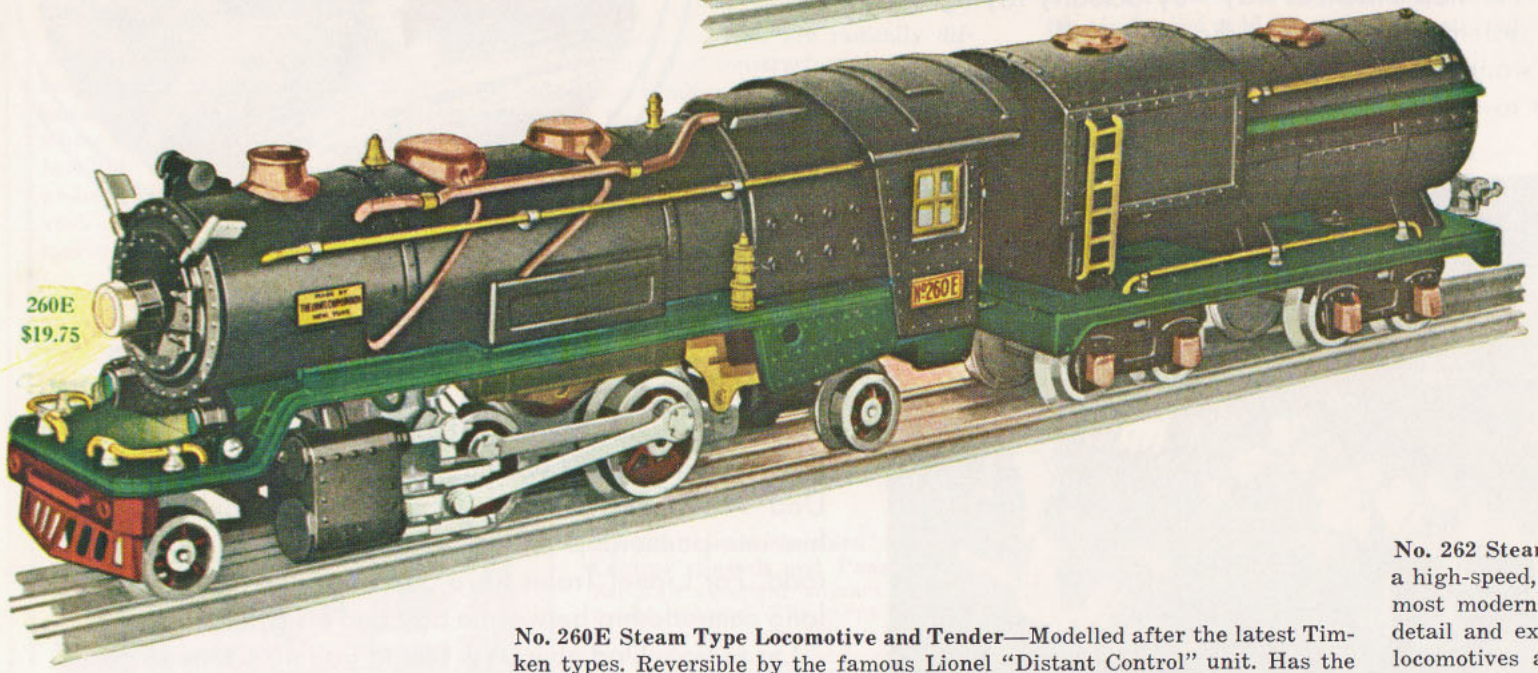
Patented Hinged Boiler Front, with automatic lock. Conceals and protects lamp and makes renewal easy. Genuine optical lens projects a powerful beam of light. Pilot lights glow colorfully. Featured on locomotives Nos. 262, 260E, 392E and 400E.



262
$10.00



260E
$19.75



No. 260E Steam Type Locomotive and Tender—Modelled after the latest Timken types. Reversible by the famous Lionel "Distant Control" unit. Has the new hinged boiler front feature. Red light under fire box adds to realism. Improved electric reverse cut-off in cab. Equipped with four driving wheels, a pilot truck and trailer truck. It has copper exhaust pipes and brass hand rails. Complete with flags and warning bell. The oil type double truck tender conforms with the low, speedy powerful lines of the locomotive. Locomotive, 11⅝ inches long, 4⅛ inches high. Tender, 7¼ inches long, 4⅛ inches high. Length overall 19⅝ inches.

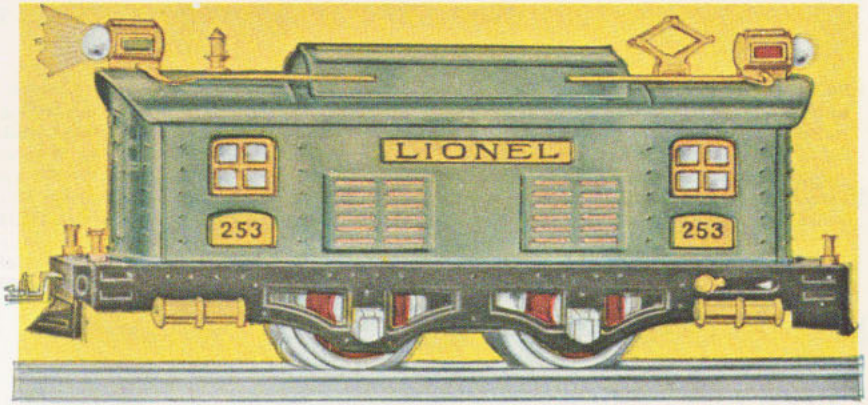
Locomotive and Tender—**Price, $19.75**

No. 262 Steam Type Locomotive and Tender—This is a high-speed, graceful locomotive patterned after the most modern locomotives in America. Its wealth of detail and excellent design are not usually found in locomotives at this low price. Equipped with hand reversing lever, front and rear pilot trucks and double-action piston driving rods. The new, hinged boiler-front contains realistic headlight which throws a real beam of light. Copper trimmings throughout. Complete with bulb and flags. Locomotive, 9¾ inches long, 3¼ inches high. Tender, 6 inches long, 3¼ inches high. Length overall 16½ inches.

Locomotive and Tender—**Price, $10.00**

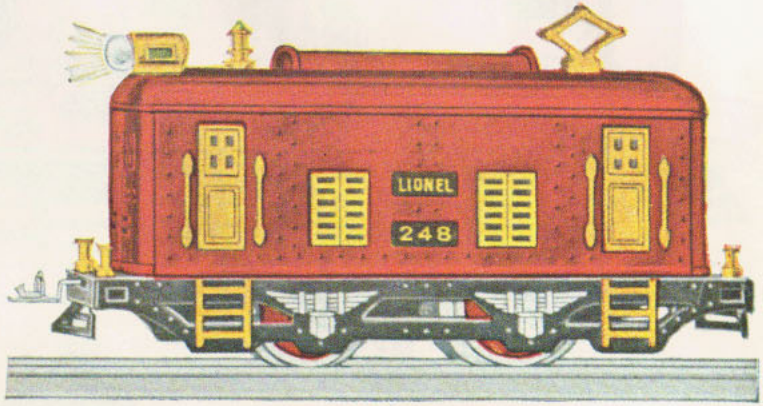
SPEEDY AND GRACEFUL LOCOMOTIVES AT NEW LOW PRICES

FOR "O" GAUGE TRACK

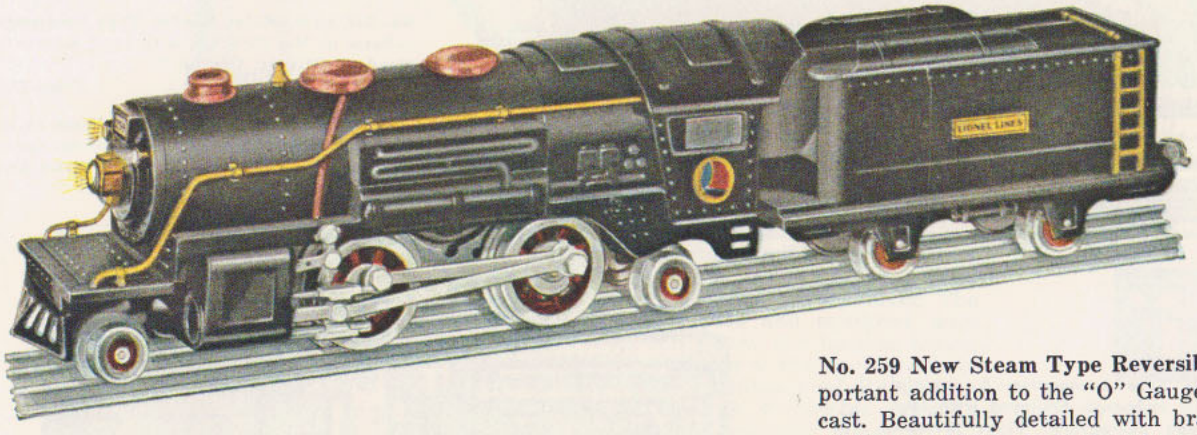


No. 253E Electric Type "Distant Control" Locomotive.—A splendid New York Central type. It is beautifully trimmed in brass and has two headlights and a pantagraph. Flags are included for front and rear platforms. Furnished with No. 81 Controlling Rheostat which can be used to start, stop, slow down or reverse the locomotive at any distance from the track. For use with Cars Nos. 603, 604, 607, 608, 613, 614, 803, 804, 805, 806, 807, 809, 831 and 902. Locomotive 9 inches long, 4 inches high. **Price, $10.75**

No. 253 Electric Type Locomotive—Same as No. 253E but with hand reverse instead of "Distant Control." **Price, $7.75**



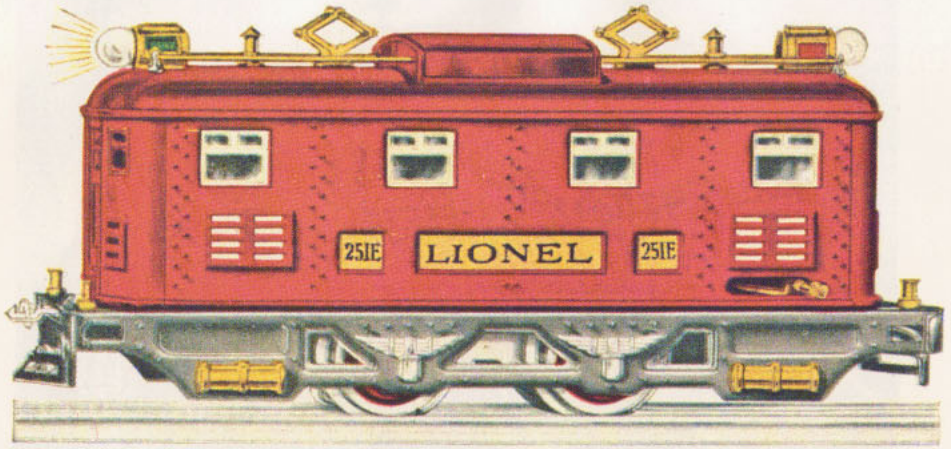
No. 248 Electric Type Locomotive—A sturdy, dependable locomotive beautifully finished by Lionel's permanent enameling process. Complete with headlight, pantagraph and flags. Brass trim throughout. Etched nameplates. Can be used with Cars Nos. 529, 530, 629, 630, 803, 804, 805, 806, 807, 809, 831 and 902. Locomotive 7⅝ inches long, 4 inches high. **Price, $5.00**



No. 259 New Steam Type Reversible Locomotive and Tender—The most important addition to the "O" Gauge line. Constructed of steel stampings, not cast. Beautifully detailed with brass and copper trimmings. Double action connecting rods are fascinating in their movement. Pilot and trailer trucks add to its realism. Boiler front contains new and realistic feature. In the center is concealed headlight which projects a powerful ray. There are also two colored pilot lights and an illuminated number plate. Never before has a locomotive in this low price range exceeded the beauty, workmanship and detail of this model. Included in the outfits Nos. 177, 178, 180. Locomotive, 9½ inches long, 3¼ inches high. Tender, 6 inches long, 3¼ inches high. Length overall 15½ inches. Locomotive and Tender—**Price, $7.50**

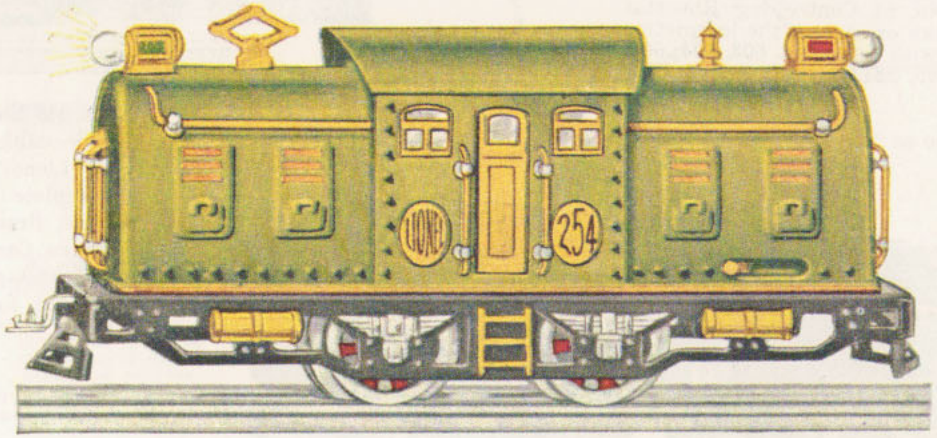
MODERNIZE YOUR RAILROAD • ADD AN ELECTRIC TYPE LOCOMOTIVE

FOR "O" GAUGE TRACK



No. 251E Electric Type "Distant Control" Locomotive with Super-Motor—A splendid model with great hauling power. Fashioned after the types now extensively used by leading railroads to pull their expresses out of terminals. Has a wealth of detail, two electric headlights, two pantagraphs and automatic couplers. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Can be used with cars Nos. 605, 606, 710, 712, 810 to 817, 820. Locomotive 10¼ inches long, 4½ inches high. **Price, $12.75**

No. 251 Electric Type Locomotive—Same as No. 251E but with hand reverse instead of "Distant Control." **Price, $9.75**



No. 254E Electric Type "Distant Control" Locomotive with Super-Motor.—An ideal locomotive, beautifully enameled. Has embossed ventilators and is trimmed with brass. Equipped with two headlights and pantagraph. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Can be used with Cars Nos. 605, 606, 613, 614, 810 to 817, 820. Locomotive 9½ inches long, 4¼ inches high. **Price, $11.75**

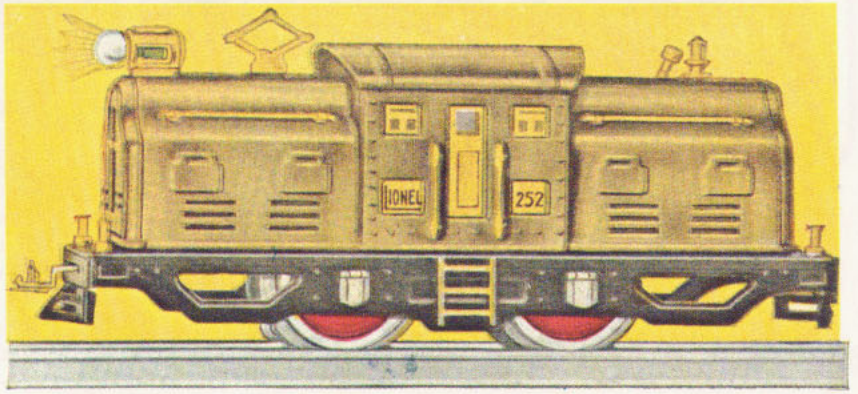
No. 254 Super-Motor Electric Type Locomotive—Same as No. 254E but with hand reverse instead of "Distant Control." **Price, $8.75**

No. 4 Electric Type Locomotive—Same as No. 254 but with the powerful Bild-A-Loco motor. **Price, $8.75**

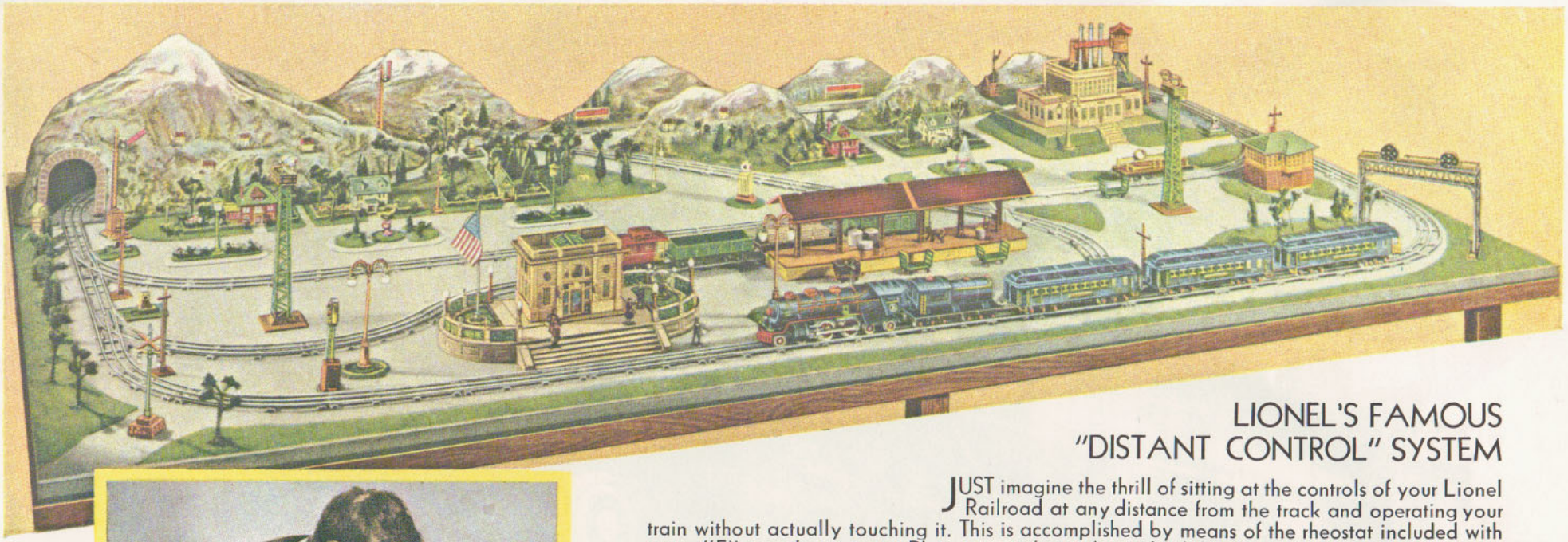
THE LIONEL POLICY

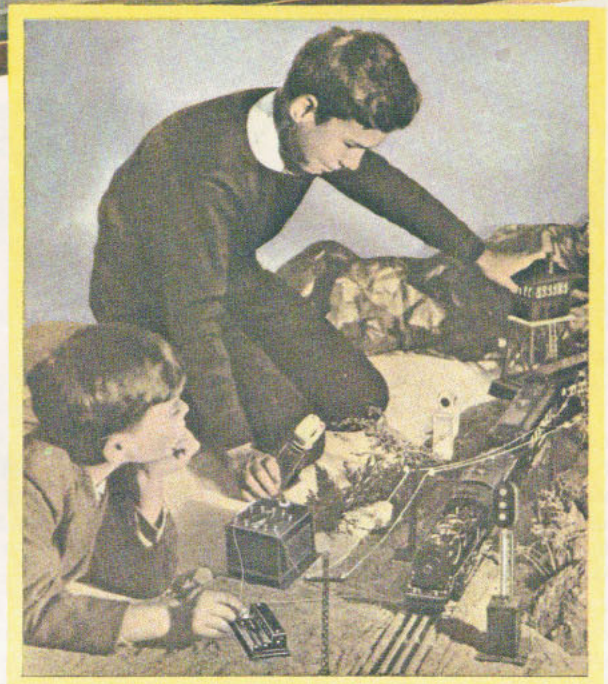
Lionel locomotives, regardless of size or type, are designed with one thought in mind—to develop as much hauling power as size permits, to be silent and smooth-running and to last indefinitely with proper care. The motors are built of special steel, the gears are accurately machine cut with bronze bushings throughout. Every locomotive is beautifully enameled through Lionel's exclusive permanent enameling process. Other refinements make Lionel locomotives the finest in design and performance. You can't go wrong no matter which you choose. Get c spare locomotive for extra fun!

No. 252 Electric Type Locomotive—A graceful model realistically embossed. Equipped with electric headlight and pantagraph. Flags decorate front and rear platforms. Finished by Lionel's permanent enameling process and trimmed in polished brass. Has hand reversing lever. Can be used with Cars Nos. 529, 530, 629, 630, 803, 804, 805, 806, 807, 809, 831 and 902. Locomotive 8 inches long, 3⅝ inches high. **Price, $6.00**



START, STOP OR REVERSE YOUR TRAIN • • • FROM ANY DISTANCE!





LIONEL'S FAMOUS "DISTANT CONTROL" SYSTEM

JUST imagine the thrill of sitting at the controls of your Lionel Railroad at any distance from the track and operating your train without actually touching it. This is accomplished by means of the rheostat included with every "E" type locomotive. Place it anywhere. A touch of the lever—and you can start your train or stop it, make it go forward or backward, fast or slow—just as you desire.

The "Distant Control" unit is built right into the motor of all "E" type locomotives. It is the never failing mechanism that obeys your will. See how it responds to your slightest wish!

If you have a system of many tracks, as every railroad should have, the lever of your electrically controlled switches will route your trains. It's so much fun to switch your freight to a siding, permitting the Lionel Express to roar by! And all this, from any distance!

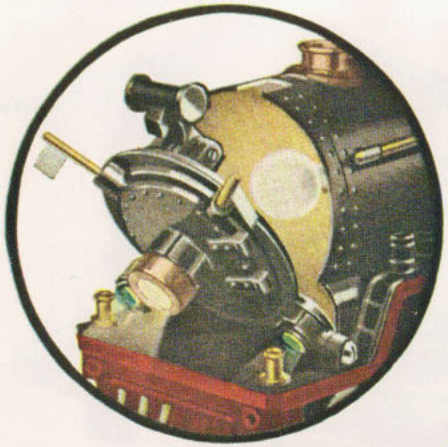
Space has been provided on the 437 Signal Tower and the 439 Panel Board to attach the control levers of your track switches. Like the 840 Power Station and the 438 Signal Tower, the knife switches on the panel board will control the illumination of your stations, bungalows, lamp posts, and other accessories as well as connect the power to any of the tracks you wish to operate. This will centralize the control of your road.

And that's not all! By means of Lionel's exclusive patented insulated track, the gates at the crossings will lower automatically—their red lanterns glowing brilliantly. Bells will ring their warning! Signal lights blink—semaphores operate—all by themselves. It's almost like magic!

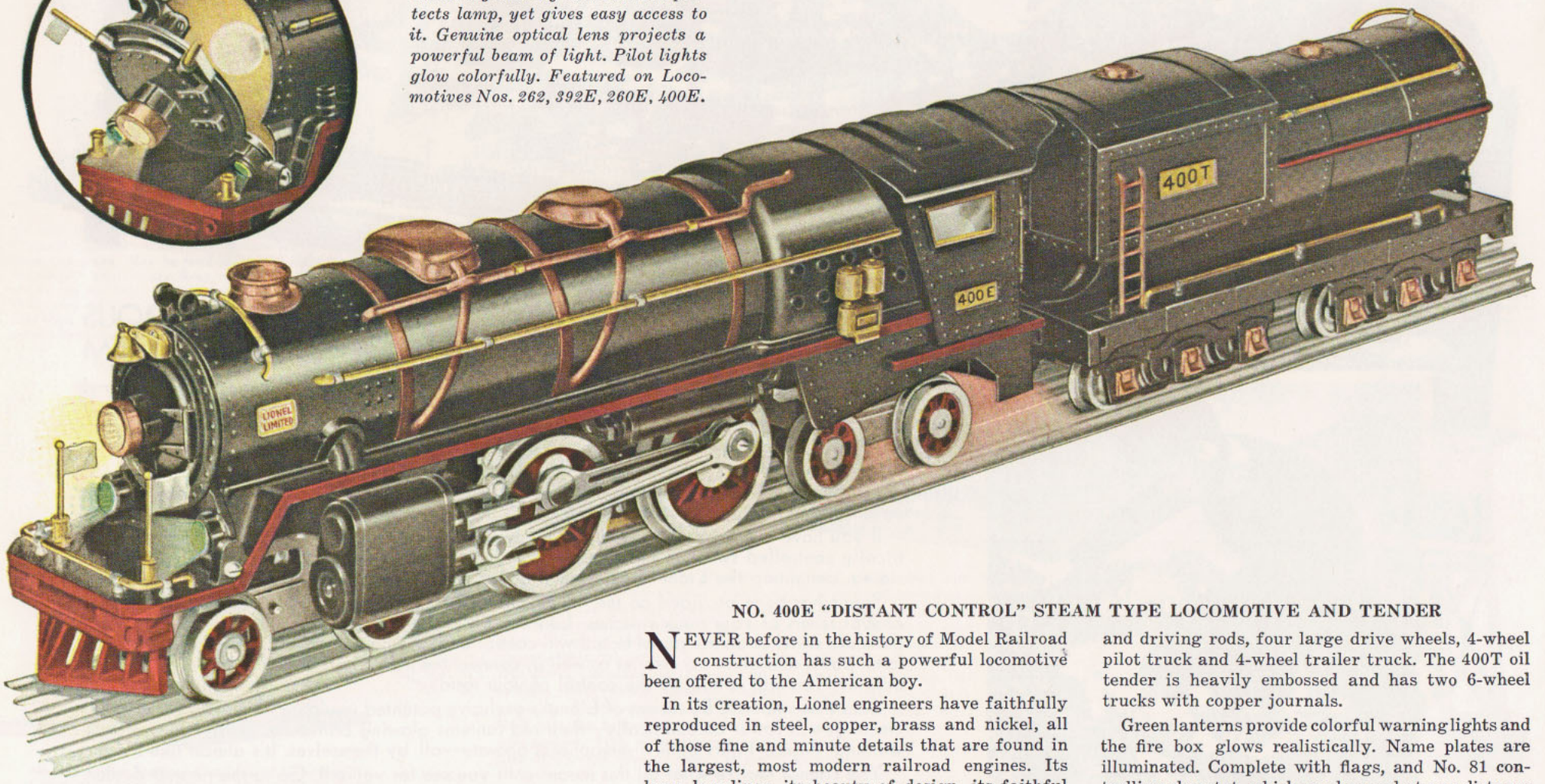
You cannot realize what all this means until you see for yourself. Go to the nearest dealer. He will be glad to demonstrate to you the marvels of Lionel "Distant Control." He will show you the latest developments in Lionel Trains and Accessories. But remember, when you select your Lionel train, only an "E" type locomotive can give you the fun and thrill that come with Lionel "Distant Control."

LARGEST AND MOST POWERFUL MODEL LOCOMOTIVE EVER BUILT

FOR "LIONEL STANDARD" TRACK



Patented Hinged Boiler Front with automatic lock. A new feature which ingeniously conceals and protects lamp, yet gives easy access to it. Genuine optical lens projects a powerful beam of light. Pilot lights glow colorfully. Featured on Locomotives Nos. 262, 392E, 260E, 400E.



NO. 400E "DISTANT CONTROL" STEAM TYPE LOCOMOTIVE AND TENDER

NEVER before in the history of Model Railroad construction has such a powerful locomotive been offered to the American boy.

In its creation, Lionel engineers have faithfully reproduced in steel, copper, brass and nickel, all of those fine and minute details that are found in the largest, most modern railroad engines. Its long, low lines, its beauty of design, its faithful details and its mechanical precision make LIONEL'S 400E the master of them all.

Powered by the famous "Bild-A-Loco" Super Motor, it will pull with ease an incredibly long train of cars. It has heavy, double-action piston and driving rods, four large drive wheels, 4-wheel pilot truck and 4-wheel trailer truck. The 400T oil tender is heavily embossed and has two 6-wheel trucks with copper journals.

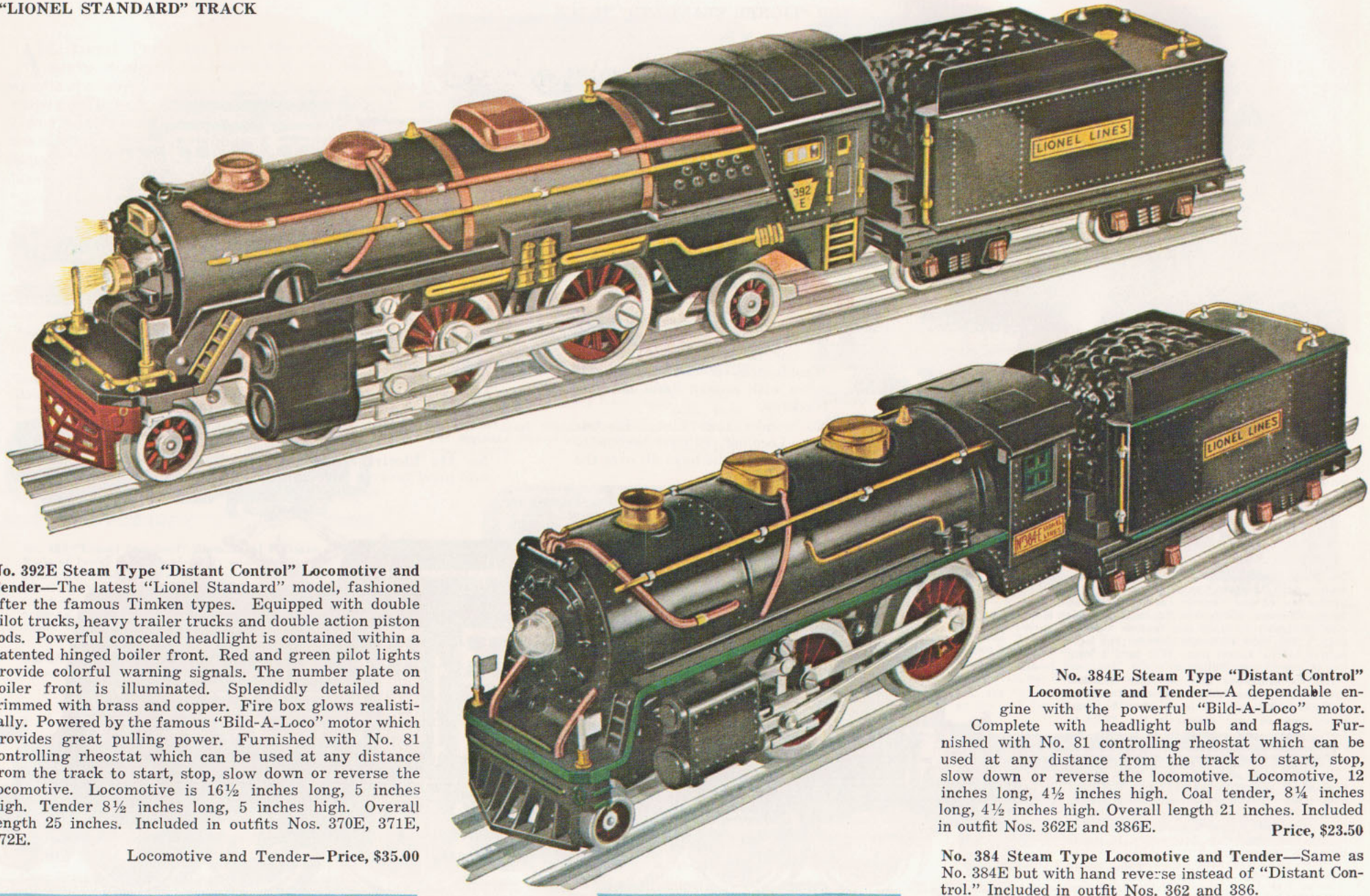
Green lanterns provide colorful warning lights and the fire box glows realistically. Name plates are illuminated. Complete with flags, and No. 81 controlling rheostat, which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Included in outfits Nos. 432E, 358E, 433E, 396E, 423E. Locomotive, 18½ inches long, 5¾ inches high. Tender, 11⅜ inches long, 5¼ inches high. Length over all 30½ inches.

Locomotive and Tender— **Price, $45.00**

www.frontier-trading.com

POWERFUL • SPEEDY • MAJESTIC •• JUST RARIN' TO GO!

FOR "LIONEL STANDARD" TRACK



No. 392E Steam Type "Distant Control" Locomotive and Tender—The latest "Lionel Standard" model, fashioned after the famous Timken types. Equipped with double pilot trucks, heavy trailer trucks and double action piston rods. Powerful concealed headlight is contained within a patented hinged boiler front. Red and green pilot lights provide colorful warning signals. The number plate on boiler front is illuminated. Splendidly detailed and trimmed with brass and copper. Fire box glows realistically. Powered by the famous "Bild-A-Loco" motor which provides great pulling power. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Locomotive is 16½ inches long, 5 inches high. Tender 8½ inches long, 5 inches high. Overall length 25 inches. Included in outfits Nos. 370E, 371E, 372E.

Locomotive and Tender—**Price, $35.00**

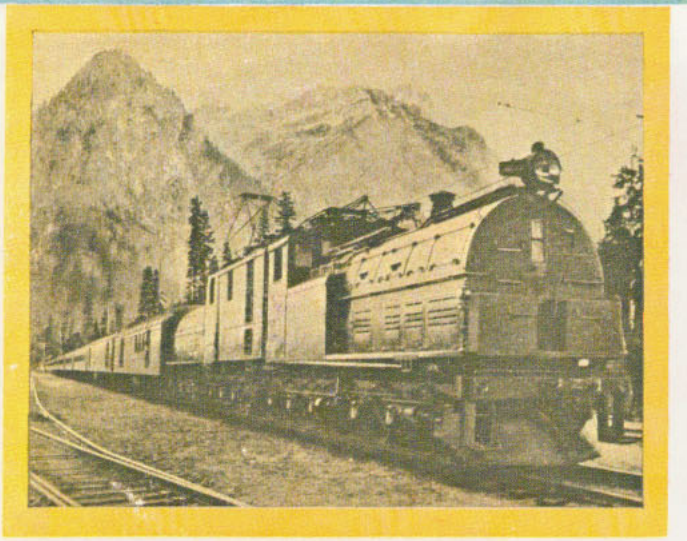
No. 384E Steam Type "Distant Control" Locomotive and Tender—A dependable engine with the powerful "Bild-A-Loco" motor. Complete with headlight bulb and flags. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Locomotive, 12 inches long, 4½ inches high. Coal tender, 8¼ inches long, 4½ inches high. Overall length 21 inches. Included in outfit Nos. 362E and 386E.

Price, $23.50

No. 384 Steam Type Locomotive and Tender—Same as No. 384E but with hand reverse instead of "Distant Control." Included in outfit Nos. 362 and 386.

Price, $19.75

NO WONDER ELECTRIC TYPE LOCOMOTIVES ARE SO POPULAR!



The famous "Olympian" of the Chicago, Milwaukee, St. Paul and Pacific Railroad. From the Great Lakes to Puget Sound these fine trains speed across plains, through valleys and over mountains. For more than 656 miles the "Olympian" is hauled by the electric type here illustrated. Lionel's model No. 381E is a faithful replica of this powerful locomotive. On page 24 you will find Lionel's model of the "Olympian."

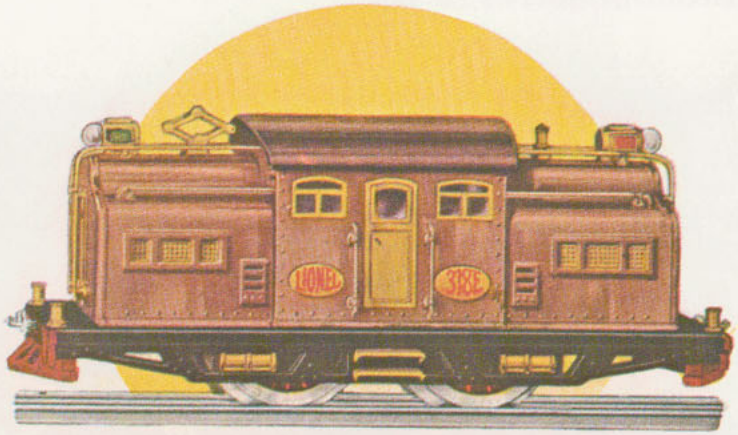
FOR "LIONEL STANDARD" TRACK

ELECTRIFICATION OF ROADS

ELECTRIC Locomotives are now more popular than ever because of the modernization and electrification of many railroads. The Chicago, Milwaukee, St. Paul and Pacific Railroad now has 656 miles of electrified road. The New York Central Railroad has more than 438 miles of electrified track and has recently added ten new powerful electric locomotives to its service.

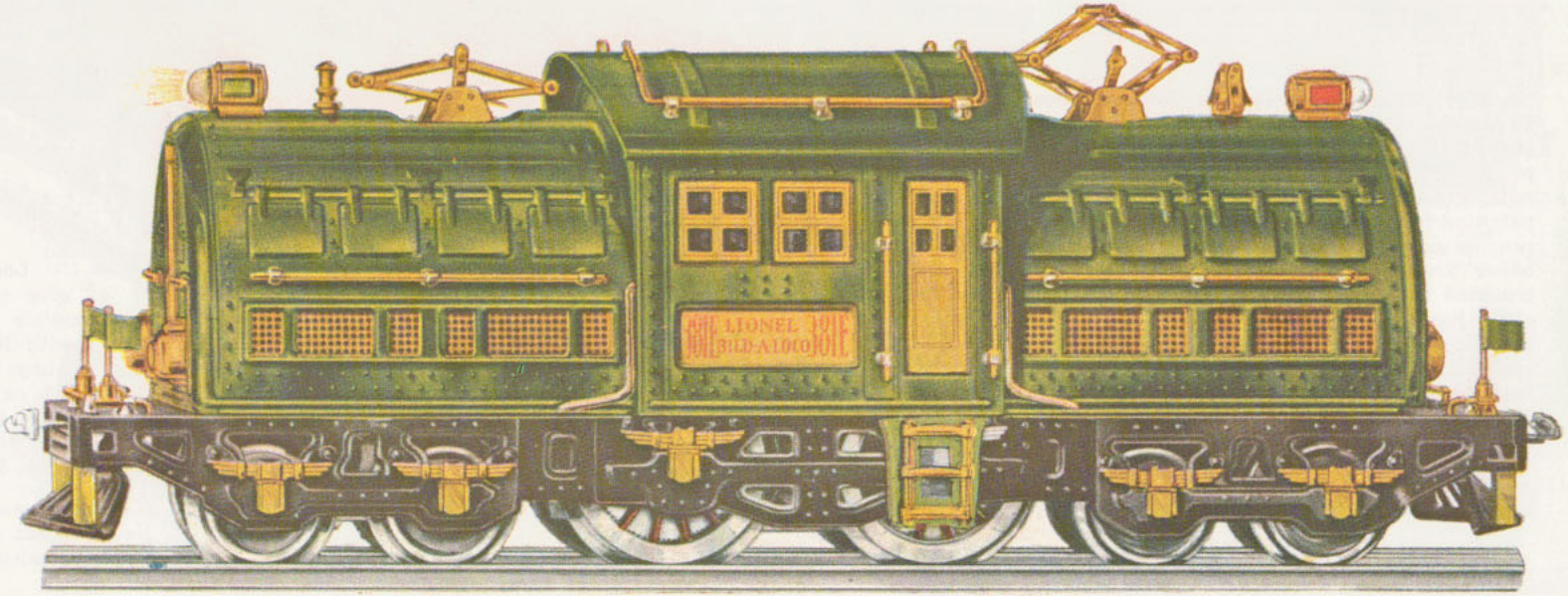
The Pennsylvania Railroad is now completing a project to electrify its line between New York and Washington, a distance of 226 miles with nearly 2,000 miles of trackage.

No wonder that Lionel Electric Type Locomotives have become so popular with the boys all over the country.



No. 318E Super Motor Electric Type Locomotive with "Distant Control"—This beautiful model is finished in two-tone enamel and handsomely trimmed. Its powerful motor is capable of hauling a long line of cars. Complete with two headlights and pantagraph. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. 12⅛ inches long, 5⅛ inches high. **Price, $14.50**

No. 318 Electric Type Locomotive—Same as No. 318E, but with hand reverse instead of "Distant Control." **Price, $10.75**



No. 381E Electric Type "Bild-A-Loco" Locomotive with "Distant Control"—An exact reproduction of the Electric Locomotives used by the Chicago, Milwaukee, St. Paul and Pacific Railroad to haul the famous "Olympian." The most elaborate electric type locomotive in the Lionel line. Will haul a long line of the largest Pullmans.

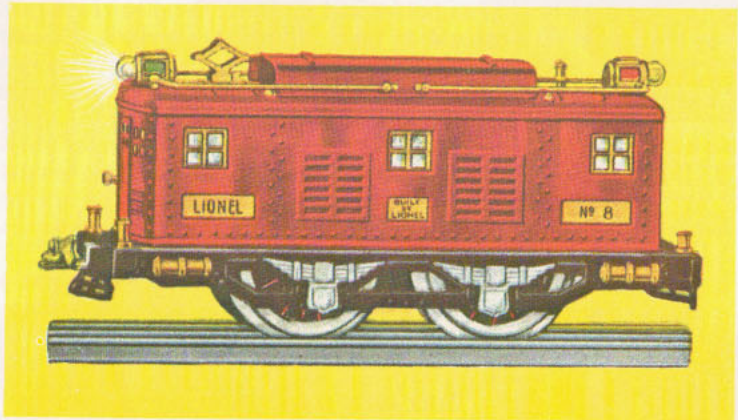
Heavily embossed and minutely detailed. Enameled by the Lionel permanent process and richly trimmed in brass. Any boy can easily remove and dismantle the "Bild-A-Loco" motor and rebuild it, in a jiffy. All electric contacts are made automatically—not a single wire to connect.

Locomotive is complete with two electric headlights, operating pantagraphs and four pilot lights. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Locomotive 18 inches long, 6½ inches high.

Price, $32.50

NOW EVERY BOY CAN HAVE A SPARE "ELECTRIC" LOCOMOTIVE

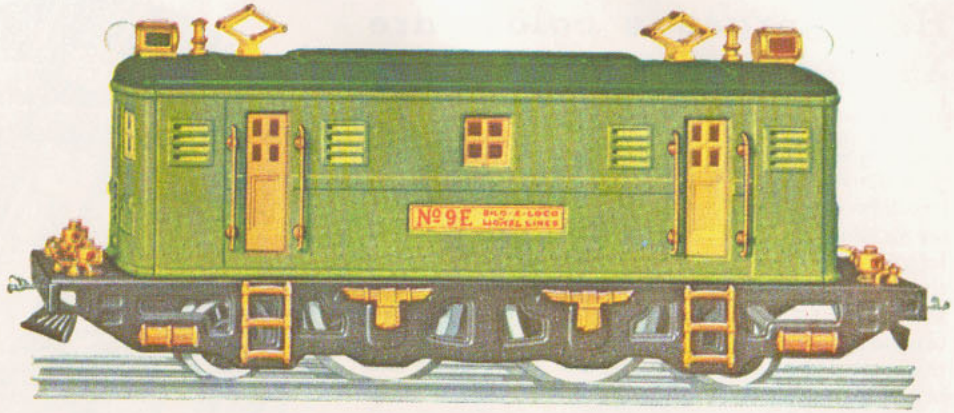
FOR "LIONEL STANDARD" TRACK



No. 8E Electric Type "Distant Control" Locomotive—Powered by Lionel Super-Motor. Beautifully detailed with brass trimmings, inset windows and embossed ventilators. Enameled in bright red. Complete with 2 headlights, pantagraph and flags. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. Locomotive 11 inches long, 4¾ inches high.
Price, $13.50

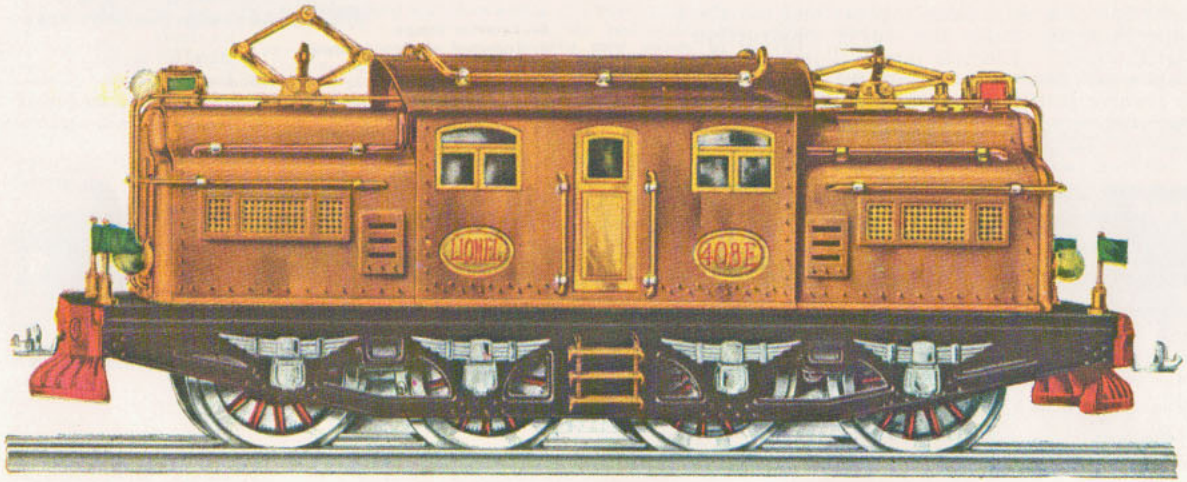
No. 8 Electric Type Locomotive—Same as No. 8E, but with hand reverse instead of "Distant Control." **Price, $9.75**

Now every boy can afford an Electric type locomotive. These models have been greatly reduced. Get a spare locomotive for your Railroad.



No. 9E Electric Type "Bild-A-Loco" "Distant Control" Locomotive—The body is gracefully proportioned and enameled in Duo Tone. The brass trimmings complement the color scheme. Equipped with 2 headlights. Warning lanterns on front and rear platform. Brass pantagraphs give realism. The "Bild-A-Loco" Motor is powerful and swift. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. 14½ inches long, 6¼ inches high. **Price, $19.50**

Note: See pages 43 and 44 for correct Passenger and Freight cars to be used with each locomotive.



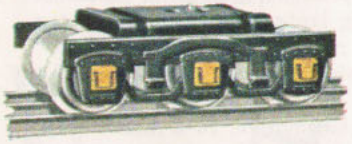
The Only Model Locomotive Built With Twin Motors

No. 408E Twin Super-Motor Electric Type Locomotive with "Distant Control"—The only model locomotive on the market with a twin motor. It has an abundance of power and is capable of hauling a long line of cars with remarkable speed. Pantagraphs can be raised or lowered. Illuminated signal lights and headlights, front and rear flags, brass hand rails, inset windows and doors are only a few of its many realistic details. Furnished with No. 81 controlling rheostat which can be used at any distance from the track to start, stop, slow down or reverse the locomotive. 17 inches long, 6½ inches high to top of pantagraph. Includes lamps. **Price, $39.50**

SUCH CAREFUL CONSTRUCTION • SUCH FAITHFUL REALISM!

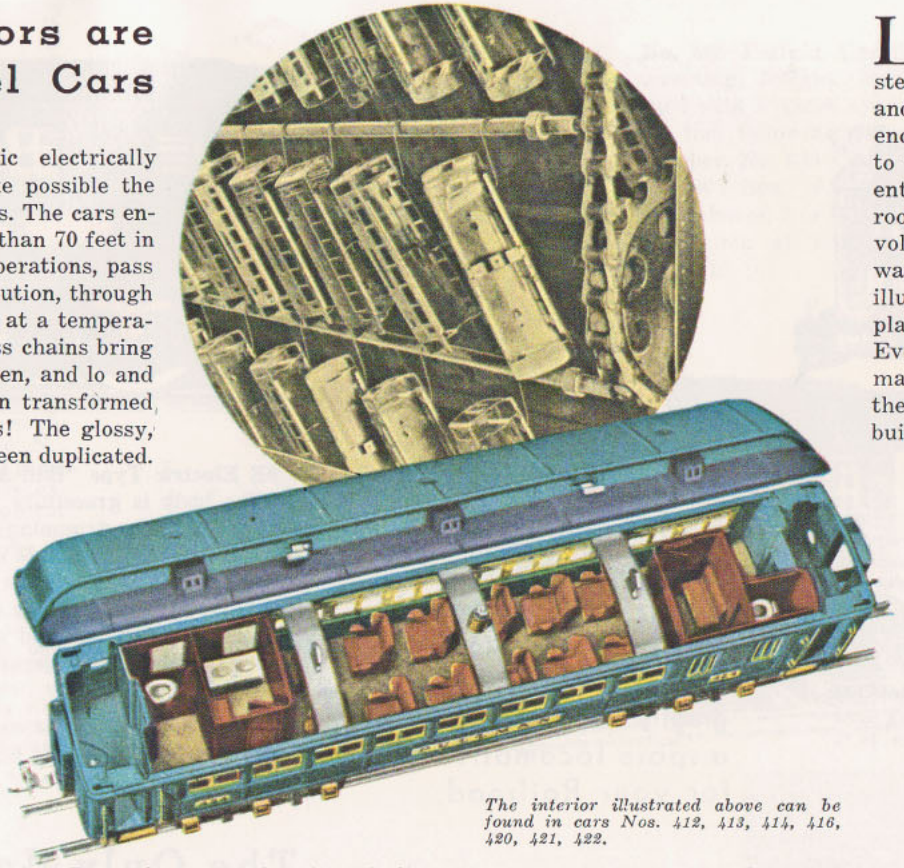
How gorgeous colors are obtained on Lionel Cars

A PARTIAL view of the gigantic electrically operated baking ovens that make possible the beautiful enamel finish on Lionel Trains. The cars enter an enormous oven measuring more than 70 feet in length and, in a series of continuous operations, pass through a heated bath of cleansing solution, through the enameling vats and then are baked at a temperature of 350 degrees Fahrenheit. Endless chains bring them out at the extreme end of the oven, and lo and behold, the plain steel bodies have been transformed into gorgeously enameled masterpieces! The glossy, lasting finish on Lionel cars has never been duplicated.



The heavy steel trucks of Lionel cars are realistically embossed and embellished with copper journal boxes. They are designed for high speed so that they will follow the track smoothly without derailing. The wheels are made of heavy steel and nickeled for beauty and long wear.

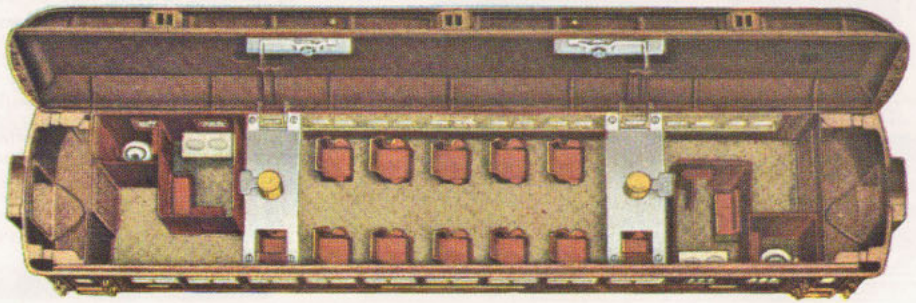
How beautiful and life-like are the Lionel observation cars. The platform is made of heavy brass. The dome light illuminates the red tail light and transparent nameplate, giving a colorful effect.



The interior illustrated above can be found in cars Nos. 412, 413, 414, 416, 420, 421, 422.

Press the two nickeled steel clips of a removable top car and see the luxurious interior of a Lionel Pullman. Study the sturdy construction and the arches which support the roof. Electric lamps illuminate the interior. The doors swing open and disclose porcelain wash basin and closet. The Pullman chairs revolve just like real ones. A couch can be seen in one of the compartments.

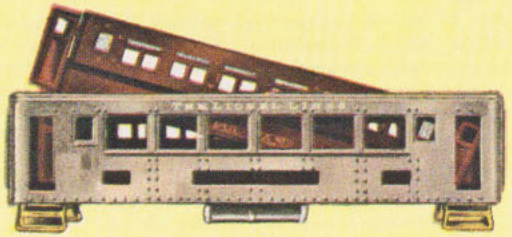
Cars No. 412, 413, 414 and 416 have the hinged roof feature as illustrated below. Press the two steel locks and the roof will swing open.



LIONEL Pullman and Observation cars are exact miniatures of real ones. They are made entirely of sheet steel, heavily embossed and **carefully detailed.** Inset panels and windows add to their structural strength. Transparencies in windows and stained glass effect in transoms add to their realism. Many of the large cars feature the patented removable roof. By pressing the nickeled clips, the roof is easily removed, disclosing luxurious interiors—revolving Pullman chairs, private compartments, porcelain wash basins, life-like furnishings. The interior is brilliantly illuminated and lights glow cheerfully on the observation platform.

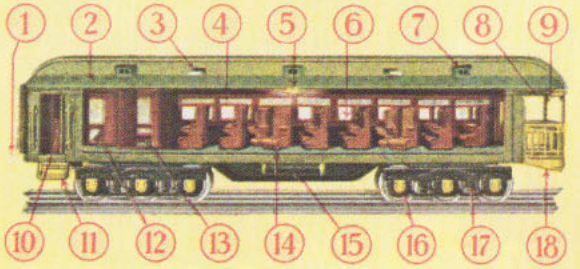
Every car is beautifully enameled by Lionel's exclusive permanent enameling process. The care and faithfulness of these innumerable details make Lionel cars the finest ever built.

DETAILS OF CAR CONSTRUCTION



Window panels, doors and seats—a separable piece.

1. Automatic couplers
2. Removable roof
3. Roof lock
4. Stained glass transparency
5. Interior lamps
6. Inserted window frames
7. Air ventilators
8. Observation lamp
9. Transparent lanterns
10. Hinged doors
11. Brass steps
12. Porcelain lavatory
13. Porcelain wash basin
14. Double row revolving parlor chairs
15. Metal air tanks
16. Brass journals
17. 6 wheel heavy steel truck
18. Brass observation platform



POINT BY POINT LIONEL MOTORS OUTCLASS ALL OTHERS

1. LEVER—That disconnects remote control unit so trains may be reversed by hand if desired.

2. FIELD—Made of specially prepared electrical steel laminations and scientifically wound.

3. DRIVING WHEELS — Accurately die cast and heavy, to give stability and tractive power to motor. Nickel plated steel rim, brightly polished, gives longer wear and smooth riding surface.

4. DRIVING GEARS—Machine cut of heavy steel. The precision gears mesh perfectly, giving greater tractive power and eliminating friction.

5. ARMATURE SHAFT BEARINGS —Armature shaft revolves in special long-wearing bakelite bearings. Friction is reduced to a minimum, thus eliminating the necessity for constant lubrication.

6. ARMATURE—Of laminated electrical steel, drum wound with double silk covered magnet wire. Supported by best quality drill rod armature shaft. Protected by high grade varnish and baked.

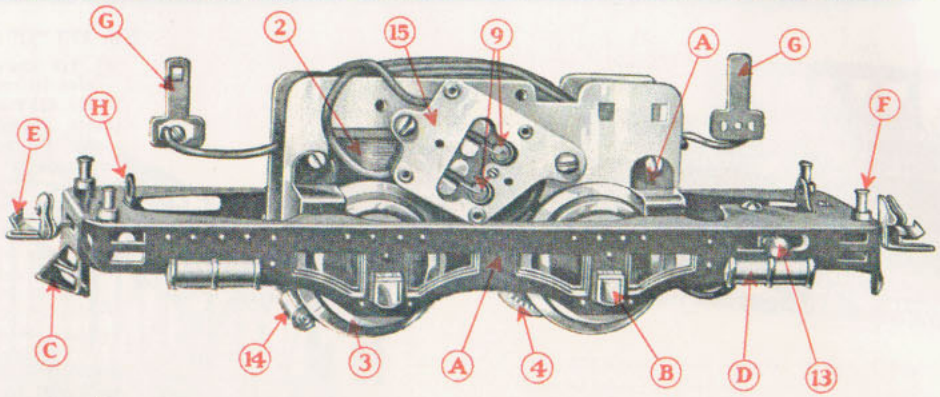
7. SIDE PLATES—Support all working parts of motor. Made of heavy gauge steel. Holes are drilled and reamed and are aligned perfectly to overcome friction. Held together with heavy brass spacing bars.

8. AXLES—Made of heavy steel drill rod.

9. BRUSHES—Self-lubricating bronze and graphite, contained in brass tubes and fed to commutator by tempered spring. Are long-wearing.

10. COMMUTATOR—Polished hard copper segments rigidly mounted and perfectly insulated. Lathe turned so as to reduce wear on brushes.

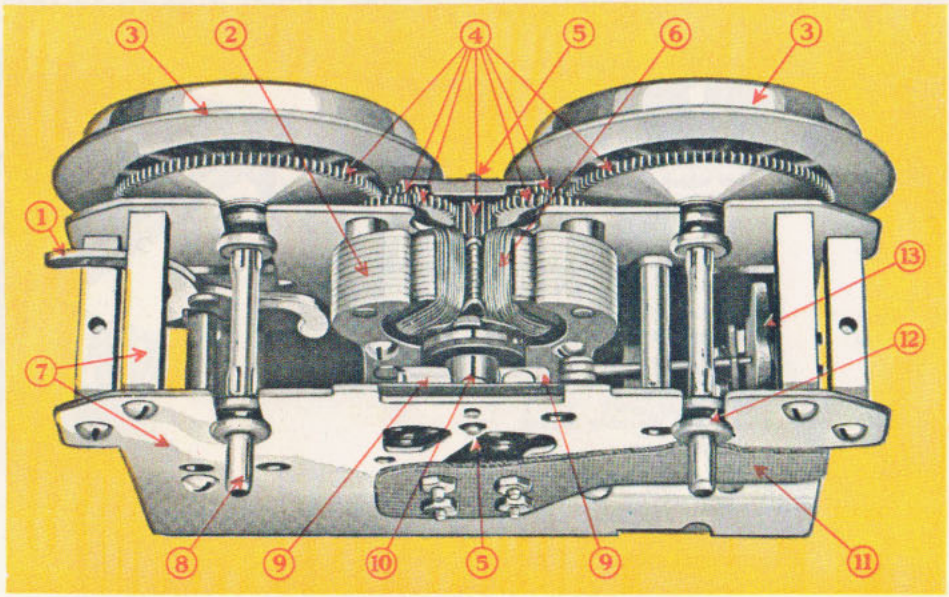
11. All electrical motor contacts are in a specially designed insulating material—an exclusive Lionel patent.



THERE is more to a Lionel Electric Train than its beauty of line, its realistic details, its dashing color. For Lionel Trains unquestionably are marvels of mechanical and electrical efficiency.

The Lionel "O" Gauge and "Standard" Gauge Super Motors are the result of the highest engineering skill. By actual laboratory tests, they are far superior to any other motor of similar size and purpose. They operate quietly, smoothly and keep cool even under strenuous treatment. Their maximum hauling power is achieved with surprisingly small current consumption. And what's more, they are fool-proof and with proper care will last indefinitely.

The famous Lionel "E" "Distant Control" mechanism is built right into the motor and is completely protected against injury. No other motors have so many original and marvelous features. See for yourself. Study the description on this page, and you will realize why Lionel motors are "Super Motors."



12. AXLE BEARINGS—Stainless steel bearings contained in side plates of motor. Will not wear out. Perfect alignment makes axles and gears operate frictionless and noiseless.

13. REVERSING CONTROLLER — This lever controls operation of locomotive either forward, reverse or stop.

14. DOUBLE CONTACT SHOES — Collect current from center rail. Made of stainless steel and revolve on steel shafts. They are supported by flexible phosphor bronze plates, giving proper tension to insure perfect contact.

15. BRUSH HOLDER — Of bakelite. Perfectly insulated. Brushes can be changed rapidly.

A. SUPPORTING FRAME—Made of heavy steel, faithfully detailed. Will stand extraordinary wear and tear. Motor is attached by four screws, making it easily removable for cleaning and oiling.

B. JOURNALS—Of heavy copper. Add greatly to appearance of locomotive.

C. COWCATCHERS—Vary with the type of locomotive. Many of them are part of steel frame. Others are heavy castings securely attached to frame.

D. TANKS—Made of lacquered brass. They beautify the locomotive.

E. AUTOMATIC COUPLERS—Scientifically constructed so that cars cannot become detached while in motion, yet easily uncoupled when desired. Made of heavy steel, nickel plated and polished.

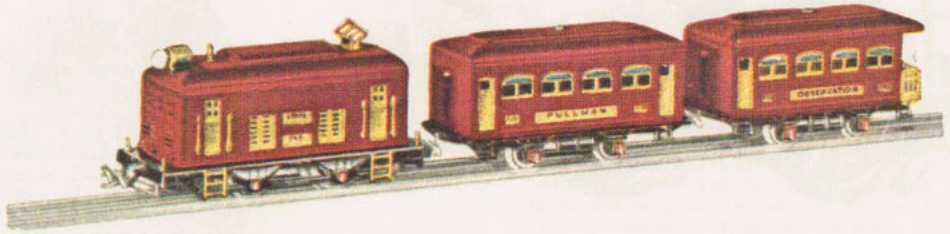
F. FLAG POSTS—Many locomotives are equipped with two or four flag posts, a realistic detail.

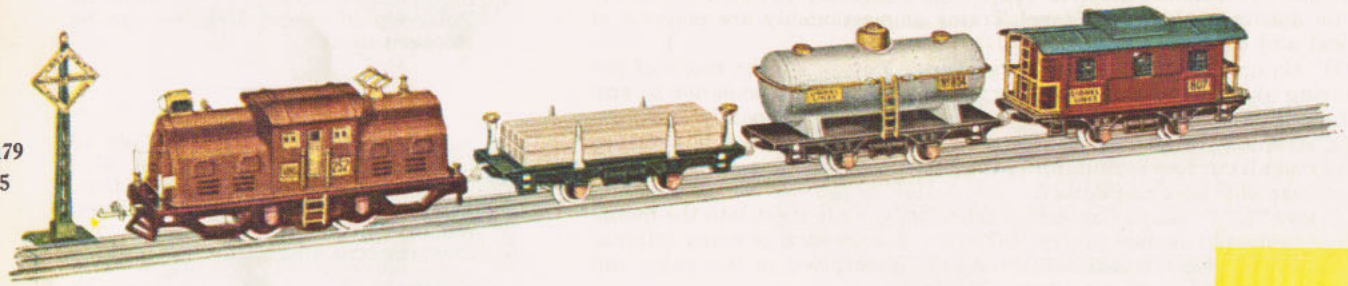
G. HEADLIGHT CONNECTIONS — An original method giving perfect electrical connection and eliminating the possibility of broken wires.

H. CLAMP SUPPORT—Screw holds body to frame—easily removed.

THE LOWEST PRICED LIONEL TRAINS—WONDERFUL VALUES

FOR "O" GAUGE TRACK





.179
.95

Outfit No. 292 consists of:

1—No. 248 Electric Type Locomotive with Headlight—Sturdily constructed. Beautifully enameled. Minutely detailed. Brass fittings.

1—No. 629 Pullman Car—Inset transparent windows. Made of steel stampings.

1—No. 630 Observation Car—Like No. 629, but with rear platform.

8—sections of OC curved track.

1—OTC "Lockon" Connection—By which contact is made from transformer to track.

1—No. 27 Lamp.

The finest train ever made to sell at so low a price. Cars are beautifuly enameled through Lionel's permanent process, and are 6¾ inches long. Train is 24½ inches long. Track forms circle 30 inches in diameter.

Price, $5.95

Outfit No. 179 consists of:

1—No. 252 Reversible Electric Type Locomotive—A modern design. Electric headlight and hand reversing lever. Ladders, flag holders, pantagraph, doors, windows and hand rails are made of brass.

1—No. 831 Flat Car—With load of real lumber which can be removed. Nickeled stakes hold lumber in place.

1—No. 804 Oil Car—Silver finish, with brass details.

1—No. 807 Caboose—Inset transparent windows. Beautifully enameled.

8—sections of OC curved track.

2—sections of OS straight track.

1—OTC "Lockon" Connection—By which contact is made from transformer to track.

1—No. 068 Warning Signal.

1—No. 27 Lamp.

Here's a new freight outfit with a powerful locomotive and three handsome cars. 33½ inches long. Track forms oval 40 by 30 inches.

Price, $7.95

No. 173 "O" Gauge Complete Railroad consists of:

No. 248 Electric Type Locomotive with Headlight—beautifully enameled in red with brass trimmings.

2—No. **629** Pullman Cars—Carefully detailed. Realistically proportioned.

1—No. 630 Observation Car—With brass platform.

1—No. 435 Power Station—With skylight permitting access to transformer.

1—Type "Y" Transformer—110 volts, 60 cycles, capacity 50 watts.

1—pair No. 021 Manual Control Switches—Gleaming signal lights.

10—sections OC curved track.

3—sections OS straight track.

1—OTC "Lockon" Connection.

2—No. 184 Bungalows—With interior illumination.

1—No. 1012X Station—Beautifully lithographed.

1—Hand Made Tunnel—Constructed of felt composition. Beautifully decorated with trees, shrubbery and small houses.

4—No. 060 Telegraph Posts—5½ inches high.

3—No. 27 Lamps.

Table—Measures 42 by 48 inches and has 18-inch folding legs. Decorated with imitation grass, shrubs and flower plot.

This is the only complete table outfit on the market. Another evidence of Lionel leadership. Table is of convenient height. Best of all, it has folding legs. When you are through playing, fold it up and put it away. Train is 31¼ inches long.

Price, $29.75

No. 173S—Same as No. 173, but with Steam Type Locomotive outfit No. 178 instead of Electric Type train.

Price, $32.50

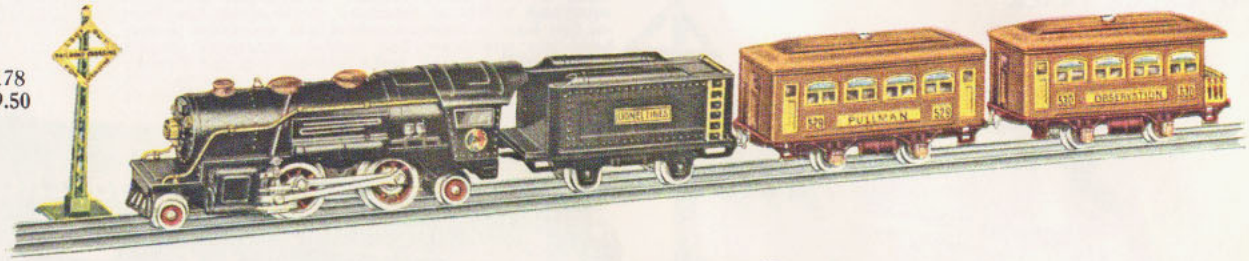
No. 173

$29.75

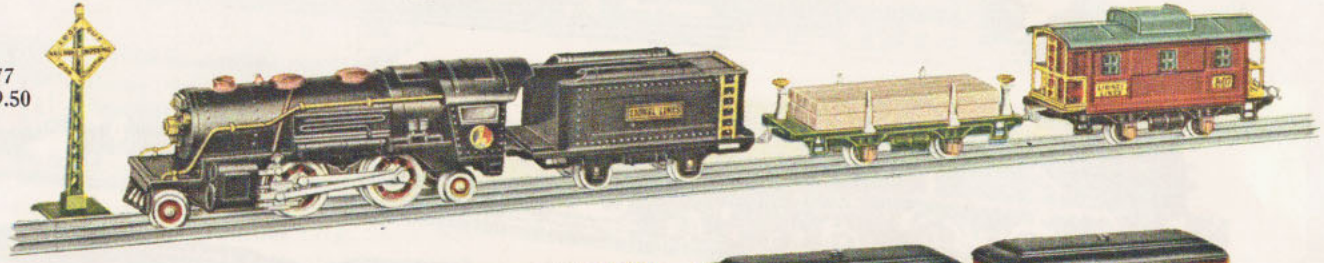
NEVER BEFORE SO FINE A LOCOMOTIVE IN THIS PRICE CLASS

FOR "O" GAUGE TRACK

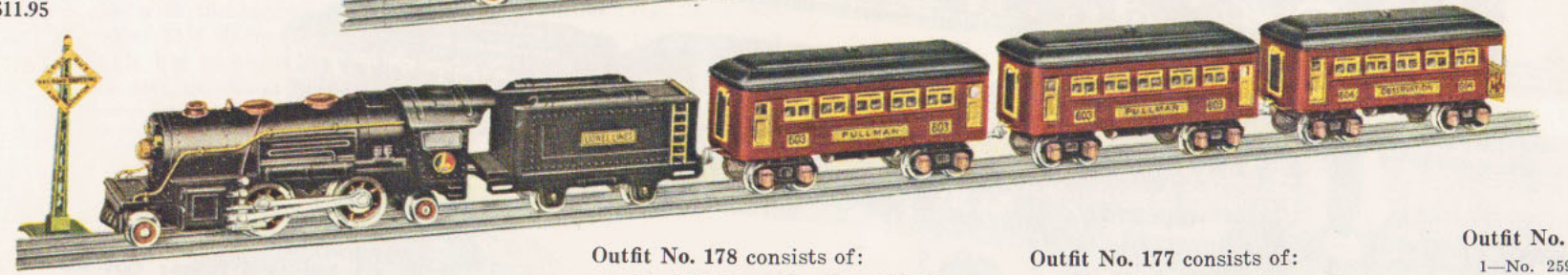
178
$9.50



177
$9.50



180
$11.95



NO one would have dreamed that outfits at these prices could have such a locomotive. It has a steel stamped body of graceful lines and elaborately detailed. The new concealed headlight throws a strong beam. Lamp can be easily removed. Coal type tender of embossed steel durably enameled and detailed with brass name plate, ladder, hand rails and copper journals. As for the motor, it's a LIONEL and that is the best anyone can say about a motor.

Outfit No. 178 consists of:

- 1—No. 259 Steam Type Reversible Locomotive.
- 1—No. 259T Coal Tender.
- 1—No. 529 Pullman Car—Beautifully enameled in durable colors. Copper journal boxes.
- 1—No. 530 Observation Car—Similar to No. 529, but with rear platform. Richly decorated with brass trimmings.
- 8—sections of OC curved track.
- 2—sections of OS straight track.
- 1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
- 1—No. 068 Warning Signal.
- 1—No. 27 Lamp.

Accuracy of detail is an important consideration in the selection of an electric train, for realism adds zest to the fun of model railroading. Lionel gives you realism in this splendid model. 31 inches long. Track forms oval 40 by 30 inches.

Price, $9.50

Outfit No. 177 consists of:

- 1—No. 259 Steam Type Reversible Locomotive.
- 1—No. 259T Coal Tender.
- 1—No. 831 Flat Car—With real lumber. Nickeled stakes hold lumber in place. Brass hand brakes. Copper journal boxes.
- 1—No. 807 Caboose—With front and rear platforms, brass ladders and hand rails. Embossed doors and windows. Copper journal boxes.
- 8—sections of OC curved track.
- 2—sections of OS straight track.
- 1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
- 1—No. 068 Warning Signal.
- 1—No. 27 Lamp.

You'll never know how much real fun there is in a freight outfit until you have owned one. It is great sport. This outfit, with its No. 259 steam type locomotive, is one of the finest in the low price field. 31 inches long. Track forms oval 40 by 30 inches.

Price, $9.50

Outfit No. 180 consists of:

- 1—No. 259 Steam Type Reversible Locomotive.
- 1—No. 259T Coal Tender.
- 2—No. 603 Pullman Cars—Durably enameled by Lionel's permanent process. Four wheel trucks. Realistic details.
- 1—No. 604 Observation Car—Similar to No. 603, but with rear platform accurately detailed with brass railings. Copper journal boxes. Inset windows. Stained glass transoms.
- 8—sections of OC curved track.
- 2—sections of OS straight track.
- 1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
- 1—No. 068 Warning Signal.
- 1—No. 27 Lamp.

The lowest priced Lionel steam type train with cars having four wheel trucks. Cars are excellently proportioned. With the new, sleek 259 locomotive they form an outfit of unrivaled value. 41 inches long. Track forms oval 40 by 30 inches.

Price, $11.95

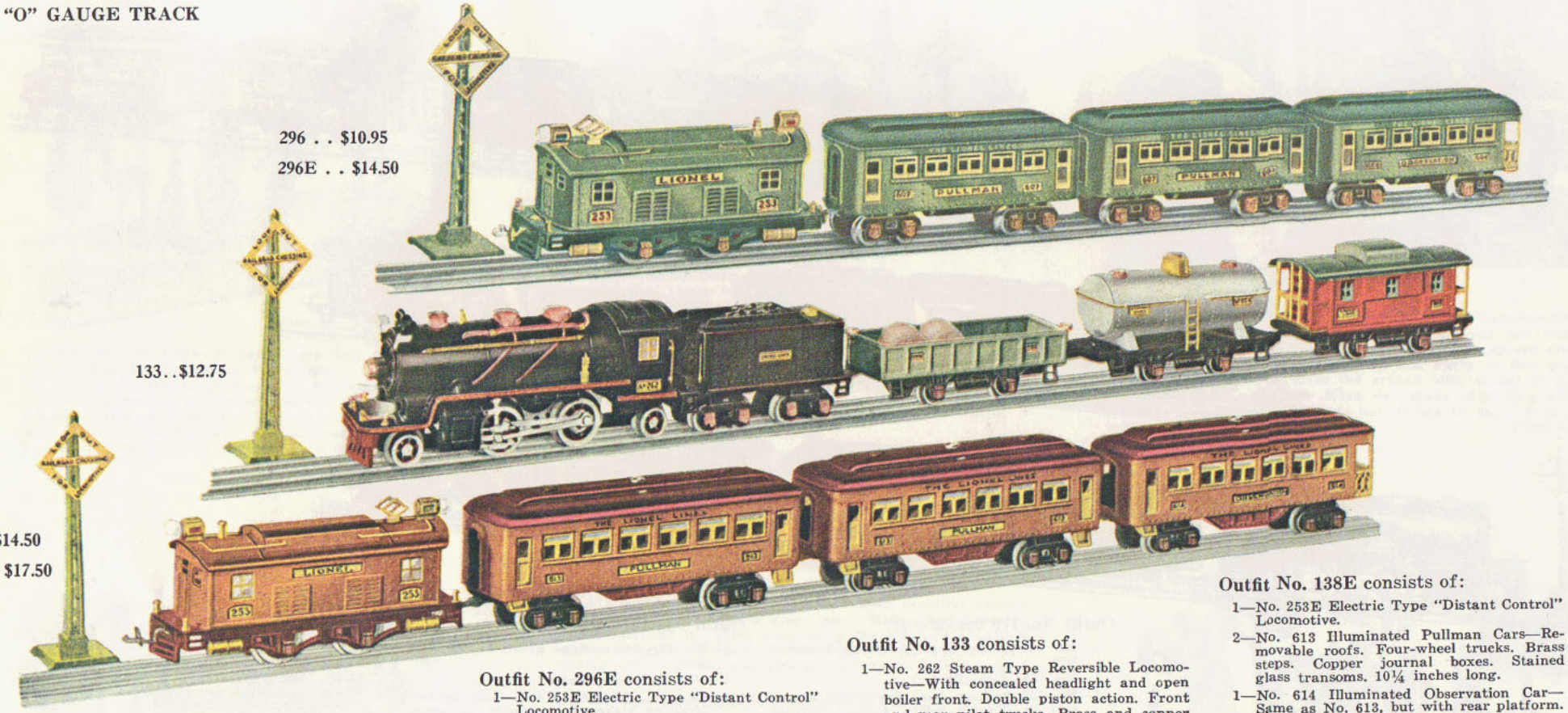
OH BOY! HOW WOULD YOU LIKE TO OWN ONE OF THESE?

FOR "O" GAUGE TRACK

296 . . $10.95
296E . . $14.50

133. . $12.75

138 . . $14.50
138E . . $17.50



THE No. 253 Electric Type Locomotive on this page is a splendid New York Central type. It has a powerful motor and can pull many more cars than pictured here. It's great to know that you can always add extra cars to your set and have plenty of reserve power in your locomotive. You will like the 253 Locomotive, with its heavily embossed ventilators and other details. It's trim and slick and beautifully enameled.

Outfit No. 296E consists of:

1—No. 253E Electric Type "Distant Control" Locomotive.
2—No. 607 Pullman Cars—With interior lights. Four wheel trucks. Brightly enameled in harmonizing colors. Inset transparent windows.
1—No. 608 Observation Car—Similar to No. 607, but with rear platform richly decorated with brass trimmings. Interior light. Carefully designed after real cars. Deeply embossed.
8—sections of OC curved tracks.
4—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 068 Warning Signal.
5—No. 27 Lamps. 1—No. 81 Rheostat.

This splendid outfit has always been one of the most popular electric types. Now reduced in price, so that more boys may own one! 36½ inches long. Track forms an oval 50 by 30 inches.

Price, $14.50

Outfit No. 296:
Same as No. 296E, but with hand reverse instead of "Distant Control."

Price, $10.95

Outfit No. 133 consists of:

1—No. 262 Steam Type Reversible Locomotive—With concealed headlight and open boiler front. Double piston action. Front and rear pilot trucks. Brass and copper tubing. Realistic cab windows. Two pilot lights.
1—No. 902 Gondola Car—With two barrels. Deeply embossed, accurately detailed. Barrels may be opened and filled.
1—No. 804 Oil Car—Silver finish and detailed in brass.
1—No. 807 Caboose.
8—sections of OC curved track.
2—sections of OS straight track.
1—No. 068 Warning Signal.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 27 Lamp.

A lot of fun is in store for the boy who owns this outfit. It looks just like a real train—and it is, except for size. 40½ inches long. Track forms oval 40 by 30 inches.

Price, $12.75

Outfit No. 138E consists of:

1—No. 253E Electric Type "Distant Control" Locomotive.
2—No. 613 Illuminated Pullman Cars—Removable roofs. Four-wheel trucks. Brass steps. Copper journal boxes. Stained glass transoms. 10¼ inches long.
1—No. 614 Illuminated Observation Car—Same as No. 613, but with rear platform.
8—sections of OC curved track.
4—sections of OS straight track.
1—OTC "Lockon" Connection—By which contact is made from transformer to track.
1—No. 068 Warning Signal.
5—No. 27 Lamps.
1—No. 81 Rheostat.

We didn't stop at making this model train beautiful in color and detail. But we powered it with an exceptionally efficient motor. We included "Distant Control" operation. And then gave it a price which will appeal to every thoughtful boy. Outfit is 43¾ inches long. Track forms oval 50 by 30 inches.

Price, $17.50

Outfit No. 138:
Same as No. 138E, but with hand reverse instead of "Distant Control."

Price, $14.50

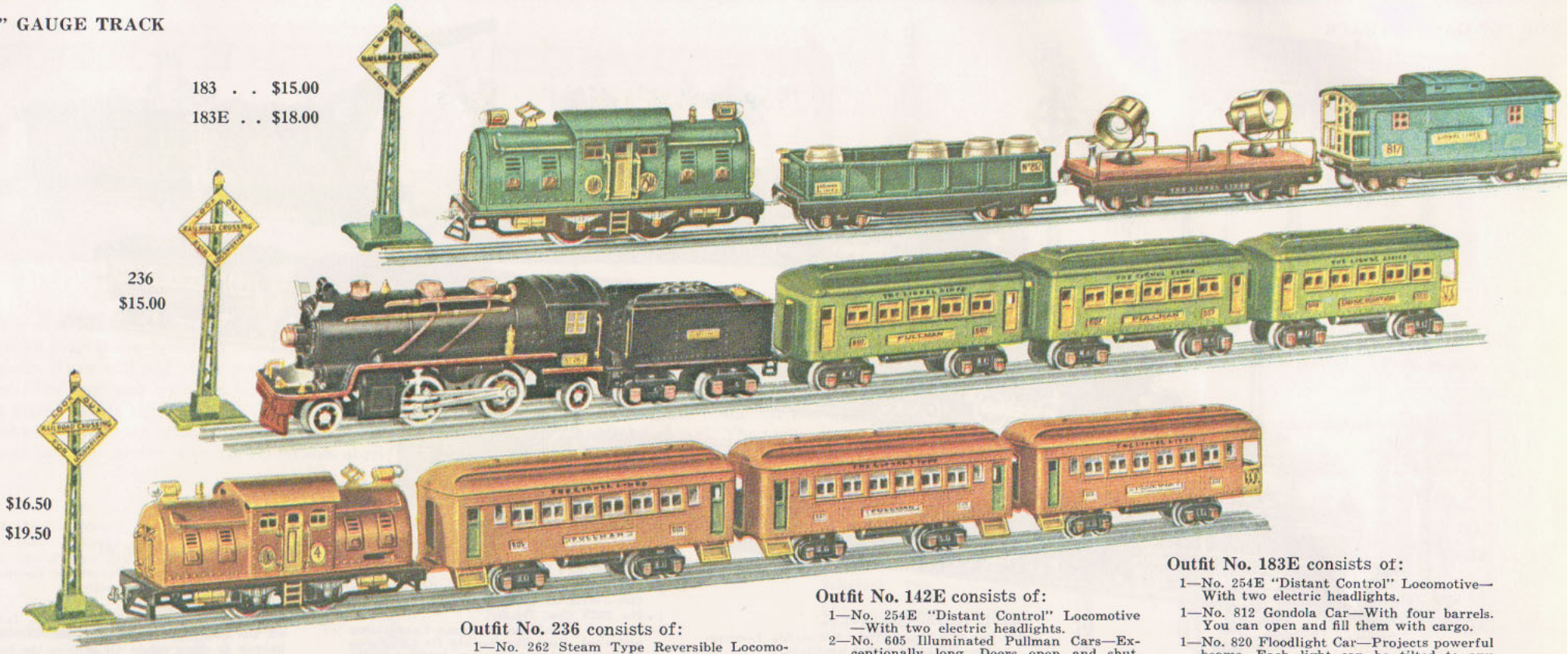
WHICHEVER OUTFIT YOU CHOOSE YOU CAN'T GO WRONG

FOR "O" GAUGE TRACK

183 . . $15.00
183E . . $18.00

236
$15.00

142 . . $16.50
142E . . $19.50



YOU won't go wrong with any of these outfits. The locomotives are speedy and powerful. The No. 254E model is copied after a type that is very popular on modern electrified roads. You can see more of them every day. It is gracefully designed and nicely trimmed. The No. 4 is exactly the same in appearance, but has the famous Bild-A-Loco motor, which is not only powerful but can be easily removed and used as a power plant to run other toys or miniature machine shops.

Outfit No. 236 consists of:

1—No. 262 Steam Type Reversible Locomotive—With concealed headlight and Lionel's exclusive open boiler front feature. Includes flag holders and flags. Brass and copper tubing. Front and rear pilot trucks.
1—No. 262T Coal Tender.
2—No. 607 Illuminated Pullman Cars—Inset transparent windows. Copper journal boxes. Four wheel trucks. 7½ inches long, 3½ inches high.
1—No. 608 Illuminated Observation Car—With rear platform embellished with brass trimmings.
8—sections of OC curved track.
4—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 068 Warning Signal.
4—No. 27 Lamps.

Be a popular boy! Every boy owning one of these sets is. Chums of yours will come to watch you operate it. It's one of the finest, low-priced models ever made. 42¼ inches long. Track forms oval 50 by 30 inches.

Price, $15.00

Outfit No. 142E consists of:

1—No. 254E "Distant Control" Locomotive—With two electric headlights.
2—No. 605 Illuminated Pullman Cars—Exceptionally long. Doors open and shut. Brass steps. Inset windows and brass nameplates.
1—No. 606 Illuminated Observation Car—Brass platform. Like its companion Pullmans, it is stamped out of steel and enameled by Lionel's permanent process.
8—sections of OC curved track.
6—sections of OS straight track.
1—OTC "Lockon" Connection—To make contact from transformer to track.
1—No 068 Warning Signal.
1—No. 81 Controlling Rheostat.
5—No. 27 Lamps.
1—No. 81 Rheostat.

More and more railroads are turning to electric type locomotives for passenger as well as freight traffic. Here is an excellent model, beautifully colored and expertly proportioned. 45 inches long. Track forms oval 60 by 30 inches.

Price, $19.50

Outfit No. 142:
Same as No. 142E, but has No. 4 Locomotive with hand reverse instead of "Distant Control."

Price, $16.50

Outfit No. 183E consists of:

1—No. 254E "Distant Control" Locomotive—With two electric headlights.
1—No. 812 Gondola Car—With four barrels. You can open and fill them with cargo.
1—No. 820 Floodlight Car—Projects powerful beams. Each light can be tilted to any angle, illuminated separately or in combination. Polished reflectors. Crystal lens.
1—No. 817 Caboose—A perfect copy. Brass ladders and platform details. Inset windows. Durably enameled finish.
8—sections of OC curved track.
4—sections of OS straight track.
1—OTC "Lockon" Connection—To make contact from transformer to track.
1—No. 068 Warning Signal.
4—No. 27 Lamps.
1—No. 81 Controlling Rheostat.

Never before has so much value been packed into an outfit priced so low. You will enjoy many happy hours in playing with this amusing, colorful train. All cars have double trucks with copper journal boxes. 42¼ inches long. Track forms oval 50 by 30 inches.

Price, $18.00

Outfit No. 183:
Same as No. 183E, but with hand reverse instead of "Distant Control."

Price, $15.00

YOU WILL BE PROUD TO OWN ANY ONE OF THESE FINE SETS

FOR "O" GAUGE TRACK

HERE is a dandy locomotive. Plenty of pep and speed. It's nice to see the double action piston rods work back and forth with speed and smoothness. Did you ever stop to think that in proportion to the size of real trains Lionel Locomotives travel between 60 and 80 miles an hour? Some speed, eh? And some Locomotives!

Outfit No. 135 consists of:

1—No. 262 Steam Type Reversible Locomotive—With concealed headlight.
1—No. 262T Coal Tender.
1—No. 812 Gondola Car—With four barrels which you can open and fill. All real work trains carry them filled with nails, spikes, etc. A box of miniature tools with spade, pick and shovel is included with this car.
1—No. 810 Derrick Car—Has many uses. You can operate the boom, raise the hook and tackle or swing the entire cab around by means of worm gears.
1—No. 817 Caboose—Every detail, down to the little rivets and the number plates, was faithfully copied from an actual railroad caboose.
8—sections of OC curved track.
4—sections of OS straight track.
1—OTC "Lockon" Connection—To make contact from transformer to track.
1—No. 068 Warning Signal
1—No. 27 Lamp.

You will have more amusement, pleasure and interest in operating a model railroad than in any other game. Here is a set that delivers the maximum fun—at an exceptionally low price. 47 inches long. Track forms oval 50 by 30 inches.

Price, $21.50

Outfit No. 144 consists of:

1—No. 262 Steam Type Reversible Locomotive—With concealed headlight.
1—No. 262T Coal Tender.
2—No. 613 Illuminated Pullman Cars—Long and sleek. Just like the big De Luxe cars of famous express trains. Interior lights illuminate the stained glass transoms and cast a diffused ray through the transparent windows. An expertly designed model, with patented removable roofs.
1—No. 614 Illuminated Observation Car—Similar to No. 613, but with minutely detailed rear platform. Brass railings. Swinging doors. Attractive nameplates. Copper journal boxes. 10⅛ inches long.
8—sections of OC curved track.
6—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformers to track.
1—No. 068 Warning Signal
4—No. 27 Lamps.

Push in a clip and . . . presto! Off come the tops of these beautiful two-tone cars. Notice the construction—the low undercarriage. See how compact and real the whole train appears. Then just try to deny yourself the excitement and the thrill of owning this fast, luxurious express. 49¼ inches long. Track forms oval 60 by 30 inches.

Price, $18.50

Outfit No. 181 consists of:

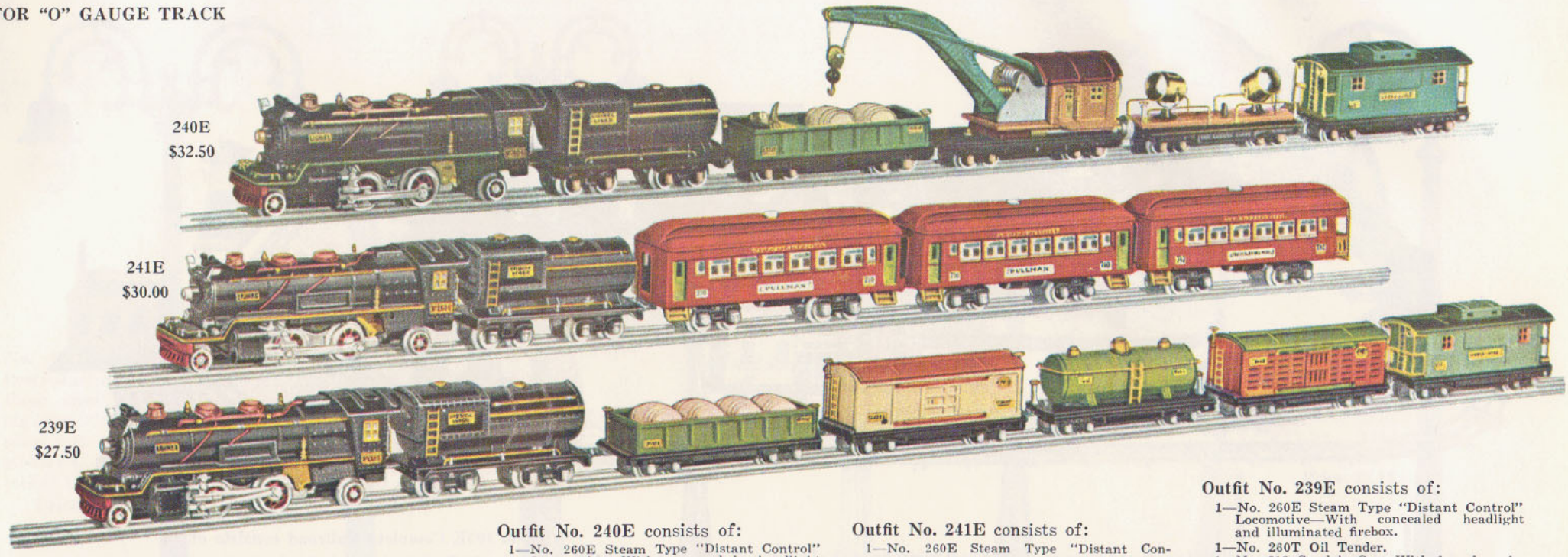
1—No. 262 Steam Type Reversible Locomotive—With concealed headlight.
1—No. 262T Coal Tender.
1—No. 812 Gondola Car—With barrels. Take off the barrel tops and you can use the barrels to carry cargo. Or remove the barrels entirely and you can use gondola for loads of sand, pebbles or dozens of small articles. A deeply embossed, true-to-life model.
1—No. 814 Box Car—Another car that you can use to carry freight. Sliding doors. Brass hand brakes and ladders.
1—No. 817 Caboose—A vivid example of Lionel craftsmanship. Even the windows are stamped separately out of brass and inserted in position.
8—sections of OC curved track.
4—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 068 Warning Signal.
1—No. 27 Lamp.

Start your complete railroad with this excellent freight model. Set it up permanently in attic or cellar. Then get Dad to help you add accessories and cars from time to time. 48 inches long. Track forms oval 50 by 30 inches.

Price, $17.00

CRACK TRAINS OF THE "O" GAUGE LINE • BE SURE TO SEE THEM

FOR "O" GAUGE TRACK



240E
$32.50

241E
$30.00

239E
$27.50

SELECT any of these outfits and you will have chosen the finest "O" Gauge locomotive ever built. And built like all real locomotives—of steel stampings, not ordinary castings. Cast locomotives are top-heavy and crack when they fall. Lionel locomotives, because of their steel bodies, have low centers of gravity and can take curves at high speed without going off the track. For complete description of 260E locomotive see page 4.

Outfit No. 240E consists of:

1—No. 260E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated firebox.
1—No. 260T Oil Tender.
1—No. 812 Gondola Car—With four barrels and set of tools. You will have fun galore with this car and its equipment.
1—No. 810 Derrick Car—By means of worm gears you can raise or lower boom and tackle and swing cab around to any position.
1—No. 820 Floodlight Car—With two powerful searchlights which may be tilted to any angle. You can light one at a time or both. Brass trimmings. Realistic details.
1—No. 817 Caboose.
8—sections of OC curved track.
8—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
1—No. 28, 1 No. 28A and 2 No. 27 Lamps.

Here's a train that's just chock full of fun and entertainment. Powerful floodlights project brilliant beams of light as they circle the track. You must have a work train if you hope to have a complete railroad. 62 inches long. Track forms oval 70 by 30 inches.

Price, $32.50

Outfit No. 241E consists of:

1—No. 260E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated firebox.
1—No. 260T Oil Tender.
2—No. 710 Illuminated Pullman Cars—The most beautiful ever constructed for "O" Gauge. Swinging doors. Brass steps. Stained glass effect in transoms, transparent windows. Durably enameled by Lionel's patented process.
1—No. 712 Illuminated Observation Car—Similar to No. 710, but with rear platform, finely detailed in brass.
8—sections of OC curved track.
8—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
1—No. 28, 1 No. 28A and 3 No. 27 Lamps.

Aristocrat of "O" Gauge trains. Enchanting is the only word that fully describes the joy you will have in owning and playing with this extremely realistic, modern outfit. 58½ inches long. Track forms oval 70 by 30 inches.

Price, $30.00

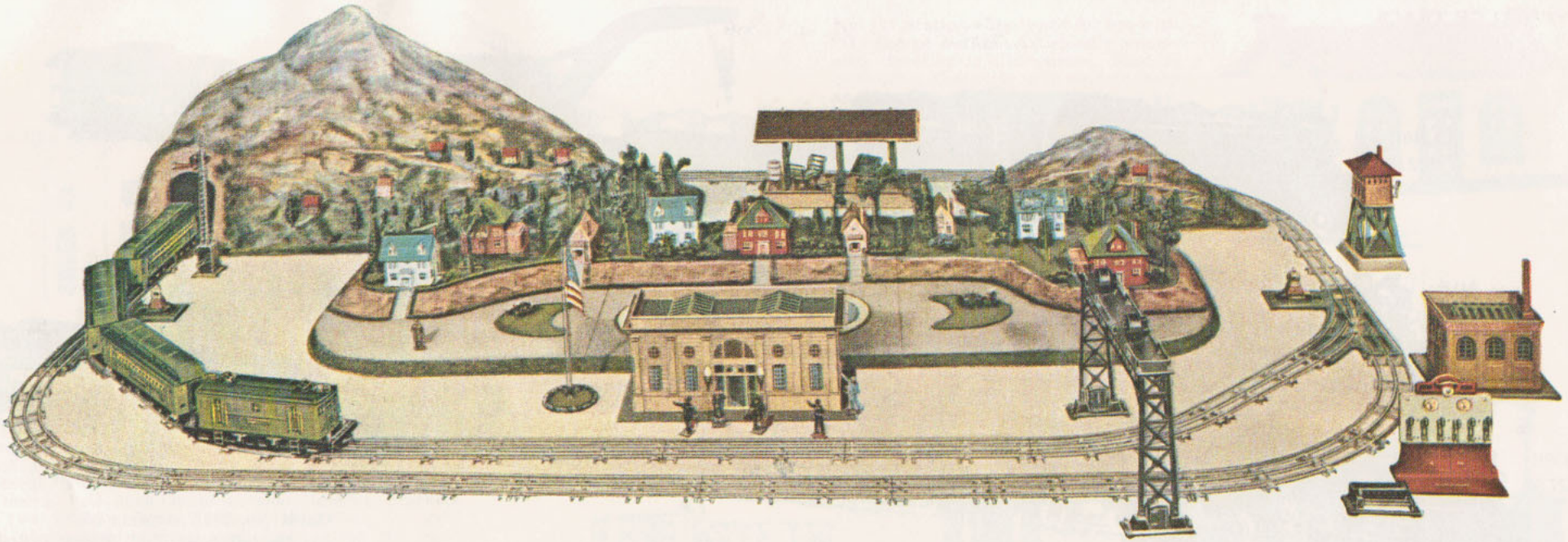
Outfit No. 239E consists of:

1—No. 260E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated firebox.
1—No. 260T Oil Tender.
1—No. 812 Gondola Car—With four barrels. You can remove barrels, open and fill them with cargo. Car is minutely detailed with embossed rivets, brass number plates and hand brakes.
1—No. 814 Box Car—With sliding doors. Beautifully enameled. Front and rear hand brakes and ladders.
1—No. 815 Oil Car—A duplicate of those picturesque cars used to transport oil. Accurately proportioned.
1—No. 813 Cattle Car—Slatted sides. Sliding doors.
1—No. 817 Caboose—Inset windows. Complete with every detail. This car, like all others in the outfit, has copper journal boxes.
8—sections of OC curved track.
8—sections of OS straight track.
1—OTC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
1—No. 28 and 1 No. 28A Lamps.

Every modern improvement for the shipment of freight has been incorporated in this long set. You will be kept busy continually in making up and dispatching this complete train. 72½ inches long. Track forms oval 70 by 30 inches.

Price, $27.50

A COMPLETE "LIONEL STANDARD" RAILROAD FOR A LUCKY BOY



▲▲▲ JUST imagine the hours of endless fun and pleasure that are packed into this outfit! Put yourself at the controls. On one side you have levers for manipulating switches. On another side the panel board which operates your modern signal bridge. And then, of course, there is the rheostat and the semaphore control. ¶Pull a lever, and you set in motion a great railroad system. ¶In the distance is a mountain peak, bored with a railroad tunnel. As your train shoots out of it, a semaphore arm bobs automatically. The switch lantern changes color. Your sleek Pullman Express flies past suburban homes with lighted windows. Then past a city park. Three lights blink on, in a signal bridge overhead. The speed slackens. After its fast journey, the train gracefully comes to a stop in front of a station with dazzling lights. ¶On the platform, passengers are scurrying about. A red cap carries a load of baggage. Our friend, the Pullman porter, is smiling to everyone and offering his assistance. The conductor gazes at his watch, his arm raised for the signal. The engineer hurries around his locomotive, an oil can in his hand. ¶A scheduled minute passes. Then the train moves off. 'Round a curve with increasing speed. Past a power house. Out into the open country. ¶Far away looms a mountain. It is dotted with trees and houses that look tiny in the distance. The train thunders toward it . . . breaking records in speed and endurance. Now a valley appears between the mountain ranges. Then a freight depot, loaded with trucks and cargo. At last the tunneled mountain again, bulking large and black against the night. And then the trip is over.

This complete railroad set was made for boys with vision and ambition. The track and accessories may be arranged and re-arranged in dozens of different ways, each one offering new thrill and excitement.

This railroad will make you the most popular boy in town. And prouder than any other. Just wait and see!

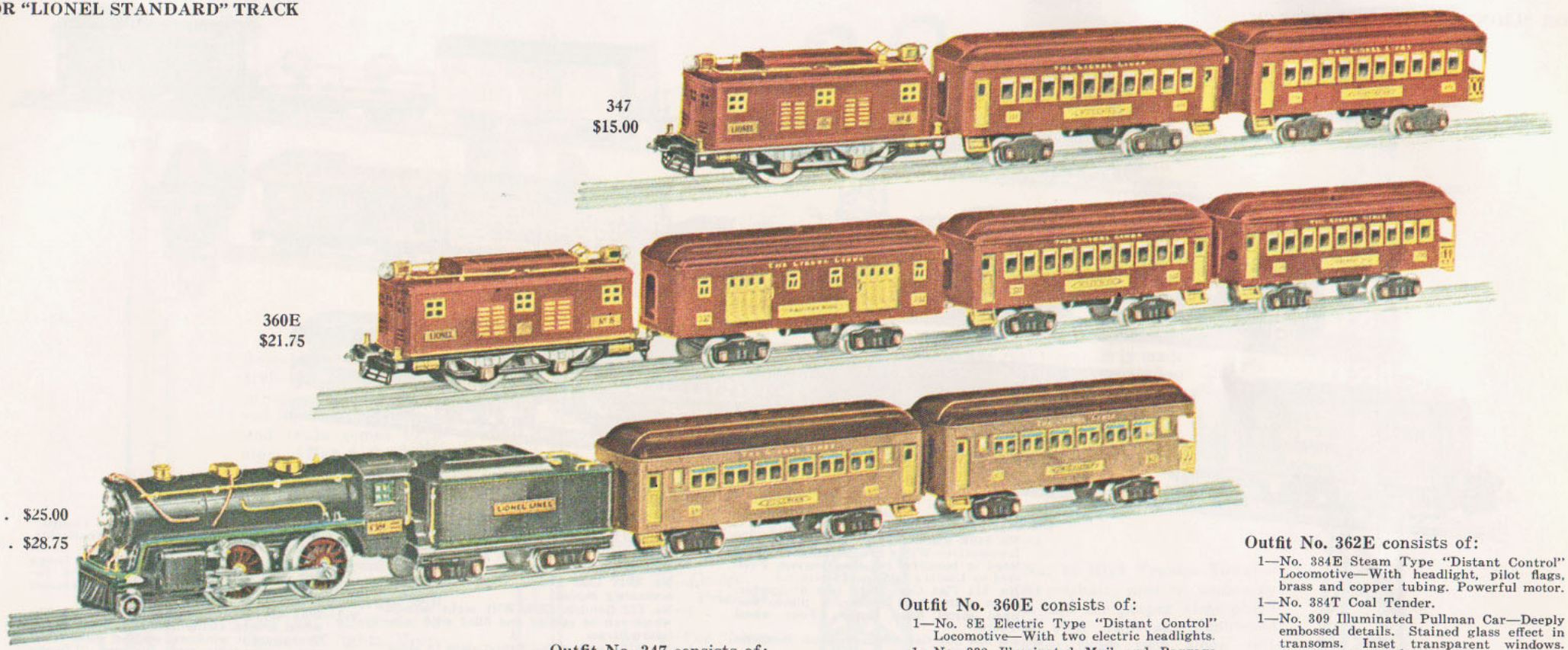
No. 405E Complete Railroad consists of:

No. 364E "Lionel Standard" Outfit—No. 9E Locomotive enameled in two-tone green. Two pantagraphs. Two headlights. Eight wheels. Powered by the famous "Bild-A-Loco" motor. Accompanied by three 16 inch, twelve wheel Pullman and observation cars. Interior illumination. Removable roofs. Complete with No. 81 Rheostat and STC "Lockon."
No. 921 Park—Forming the attractive centerpiece.
No. 917 Mountain—Made of a durable felt composition.
No. 155 Freight Shed and No. 163 Set of Freight Trucks.
No. 915 Tunnel Mountain—Similar in construction to No. 917.
No. 80 Automatic Semaphore.
Pair No. 223 "Distant Control" Non-derailing Switches.
No. 114 Station—A close copy of a real station.
No. 550 Set of Figures—Real people in miniature.
No. 90 Flagstaff and Flag—With ornamental base.
No. 438 Illuminated Signal Tower—With knife switches.
No. 436 Power House to enclose your transformer.
No. 440 Position Light Signal Bridge—A new, important addition to model railroading, complete with panel board.
Type "T" Transformer—Capable of supplying 2 to 25 volts.
10 sections of C curved track.
18 sections of S straight track.
2 sections of ½ S straight track.
Track forms layout 11 feet, 6 inches long, 7 feet wide.

Read about the special features of these accessories on other pages of this catalog. **Price, $150.00**

FORERUNNERS OF THE "LIONEL STANDARD" GAUGE LINE

FOR "LIONEL STANDARD" TRACK



347
$15.00

360E
$21.75

362 . . $25.00
362E . . $28.75

THE 8 and 8E Electric Type Locomotives are powered by the Lionel "Super Motor," which means abundance of power and arrow-like speed. Minutely detailed even to the smallest rivets. Brass trimmed with hand rails, pantagraph and flagholders. Realistically embossed ventilators. And two sparkling headlights to brighten the way.

Outfit No. 347 consists of:

1—No. 8 Electric Type Reversible Locomotive—With two electric headlights.
1—No. 337 Illuminated Pullman Car—12 inches long. Transparent, inset windows. Brass steps. Swinging doors. Bright, durable enamel finish.
1—No. 338 Illuminated Observation Car—Similar to No. 337, but with rear illuminated platform richly decorated with brass.
8—sections of C curved track.
2—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
5—No. 28 Lamps.

A modern passenger train. Sturdily built locomotive with two brilliantly enameled cars. Brass trimmings and copper journal boxes. An attractive outfit and the lowest priced in the "Lionel Standard" line. 38½ inches long. Track forms oval 57 by 45 inches.

Price, $15.00

Outfit No. 360E consists of:

1—No. 8E Electric Type "Distant Control" Locomotive—With two electric headlights.
1—No. 332 Illuminated Mail and Baggage Car—With doors that slide open. Like its companion cars, it is 12 inches long.
1—No. 337 Illuminated Pullman Car—Stained glass effect in transoms and inset transparent windows.
1—No. 338 Illuminated Observation Car—Carefully detailed illuminated rear platform.
8—sections of C curved track.
4—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
6—No. 28 Lamps.

Start your Standard Gauge railroad with this beautifully enameled outfit. Cars are elaborately trimmed and in keeping with proportions and details of the country's finest express trains. 52½ inches long. Track forms oval 71 by 45 inches.

Price, $21.75

Outfit No. 362E consists of:

1—No. 384E Steam Type "Distant Control" Locomotive—With headlight, pilot flags, brass and copper tubing. Powerful motor.
1—No. 384T Coal Tender.
1—No. 309 Illuminated Pullman Car—Deeply embossed details. Stained glass effect in transoms. Inset transparent windows. Durably enameled.
1—No. 312 Illuminated Observation Car—Similar to No. 309, but with illuminated rear platform decorated in brass.
8—sections of C curved track.
2—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
4—No. 28 Lamps.

This powerful steam type locomotive is combined with 13¼ inches illuminated cars, making it a splendidly proportioned outfit. 50¼ inches long. Track forms oval 57 by 45 inches.

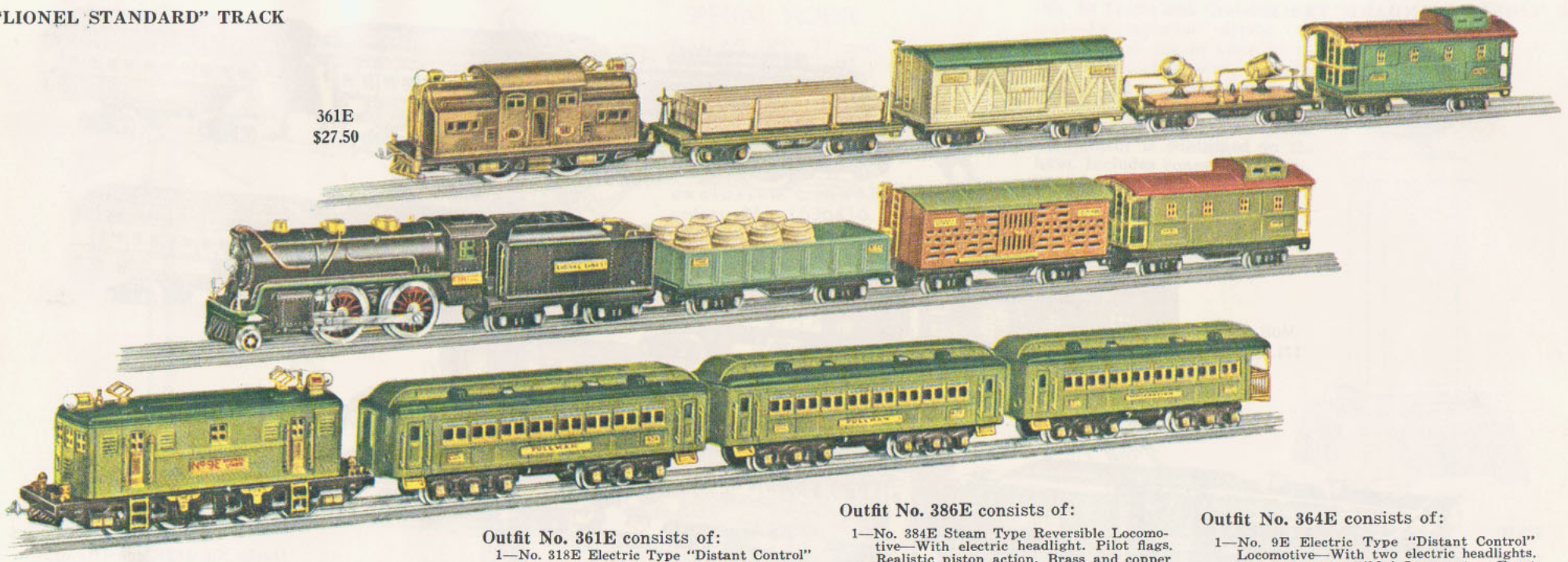
Price, $28.75

Outfit No. 362—Same as No. 362E, but with hand reverse instead of "Distant Control."

Price, $25.00

NOW ANY BOY CAN AFFORD A STANDARD GAUGE TRAIN

FOR "LIONEL STANDARD" TRACK



361E
$27.50

THE Lionel "Distant Control" train outfits on this page and throughout the book are distinguished by the letter "E." With each "E" type outfit and locomotive you get the No. 81 rheostat. By means of the controlling lever you can make the train go forward or backward, slow up or speed ahead, without touching the train itself. Get an "E" type outfit and and enjoy the thrill of a 100% DISTANT CONTROL TRAIN.

Outfit No. 361E consists of:

1—No. 318E Electric Type "Distant Control" Locomotive—With two headlights. Finished in beautiful two-tone enamel. Powered by Lionel's famous super-motor.
1—No. 511 Flat Car—With load of lumber. Brass stakes hold lumber in place. Polished metal hand brakes. Four wheel trucks.
1—No. 514 Box Car—Brass ladders. Realistic slats. Sliding doors.
1—No. 520 Floodlight Car—Two powerful lights. Revolving reflectors. Brass stanchions and hand rails.
1—No. 517 Illuminated Caboose—Carefully detailed platforms. Striking colors in Lionel's permanent enamel. Deep embossing.
8—sections of C curved track.
6—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
5—No. 28 Lamps.

A large, modern freight outfit that includes four very interesting cars. An extremely popular locomotive, a floodlight car and a generous quantity of track make this outfit outstanding among lower priced Standard Gauge Sets. You will enoy the thrill of power and mastery in directing its course around the track. 66½ inches long. Track forms oval 85¼ by 45 inches.

Price, $27.50

Outfit No. 386E consists of:

1—No. 384E Steam Type Reversible Locomotive—With electric headlight. Pilot flags. Realistic piston action. Brass and copper tubing. Inset cab window. Powered by the famous Bild-A-Loco.
1—No. 384T Coal Tender. Deeply embossed, accurately copied.
1—No. 512 Gondola Car—With eight barrels, which can be opened and filled with miniature cargo.
1—No. 513 Cattle Car—Actual slats in sides, and sliding doors. Beautifully colored. Copper journal boxes. Brass ladders and brakes.
1—No. 517 Illuminated Caboose—Carefully detailed front and rear platforms with brass railings and ladders.
8—sections of C curved track.
4—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
2—No. 28 Lamps.

A speedy freight outfit. Brilliantly colored and truly authentic. You will spend many happy hours with this highly amusing outfit. 60½ inches long. Track forms oval 71 by 45 inches.

Price, $31.50

Outfit No. 386—Same as No. 386E, but with hand reverse instead of "Distant Control."

Price, $27.50

Outfit No. 364E consists of:

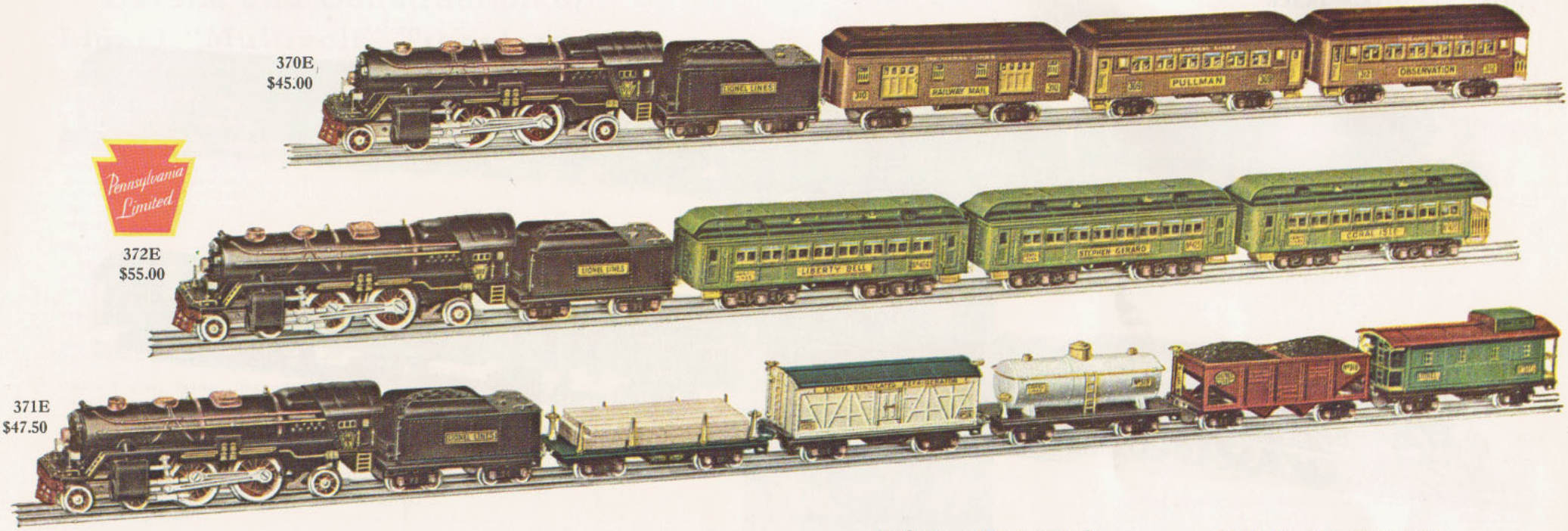
1—No. 9E Electric Type "Distant Control" Locomotive—With two electric headlights. Powered by the Bild-A-Loco motor. Front and rear pilot trucks. Colored pilot lamps and flag holders. Brass pantagraphs. Inset windows. Beautiful two-tone enamel finish.
1—No. 424 Illuminated Pullman Car—Six wheel trucks, swinging doors, brass steps. Transparent windows, stained glass transoms, removable roof. Lettered "Liberty Bell."
1—No. 425 Illuminated Pullman Car—Lettered "Stephen Girard." Like its companion cars, it is 16 inches long.
1—No. 426 Illuminated Observation Car—Similar to No. 424, but with rear platform. Brass railings. Lettered "Coral Isle."
8—sections of C curved track.
8—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
6—No. 28 Lamps.

An entirely new passenger train with our famous New York Central type locomotive. Accurately copied after the trains on this famous road. Beautifully designed, artistically colored. Pullman and observation cars have six wheel trucks. Train is 68½ inches long. Track forms oval 99½ by 45 inches.

Price, $40.00

THE NEWEST LOCOMOTIVE IN THREE DANDY COMBINATIONS

FOR "LIONEL STANDARD" TRACK



THE three outfits on this page feature the 392E Steam Type "Distant Control" Locomotive. It embodies the patented hinged boiler front with concealed headlight, permitting easy access to lamp. Throws a powerful beam. The fire box is illuminated by an amber light which gives a realistic fire reflection. Sand domes are in copper. A beautiful stream line engine with real piston action. With it is furnished the No. 81 rheostat, which permits you to start, stop, slow down or reverse the locomotive at any distance from the track.

Outfit No. 370E consists of:

1—No. 392E Steam Type "Distant Control" Locomotive—With concealed headlight.
1—No. 384T Coal Tender.
1—No. 310 Illuminated Mail and Baggage Car—Doors slide open so that car can be loaded. Designed after the latest types.
1—No. 309 Illuminated Pullman Car—13¼ inches long, 5¼ inches high.
1—No. 312 Illuminated Observation Car—Has brass rail and illuminated platform.
8—sections of C curved track.
8—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
5—No. 28 and 1 No. 28A Lamps.

The lowest priced outfit with the new 392E locomotive. Very attractive and realistic in appearance. Cars are beautifully enameled in three harmonizing colors. The baggage car provides loads of fun. Load it with mail and start it off on its route. 69¾ inches long. Track forms oval 99½ by 45 inches.

Price, $45.00

Outfit No. 372E consists of:

1—No. 392E Steam Type "Distant Control" Locomotive—With concealed headlight.
1—No. 384T Coal Tender.
1—No. 424 Illuminated Pullman Car—16 inches long, 5½ inches high. Has six-wheel trucks and copper journal boxes.
1—No. 425 Illuminated Pullman Car—Like its companion cars, it has removable roof feature, and doors that actually open.
1—No. 426 Illuminated Observation Car—Long and graceful. Two-tone enamel. Brass illuminated platform.
8—sections of C curved track.
8—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
5—No. 28 and 1 No. 28A Lamps.

You boys who have ridden on De Luxe express trains will know at a glance how realistic this De Luxe model is. Perfect proportions. Beautiful colors. Interior lights. Removable roofs. And speed—in proportion to its size, it can do 70 miles an hour! 76½ inches long. Track forms oval 99½ by 45 inches.

Price, $55.00

Outfit No. 371E consists of:

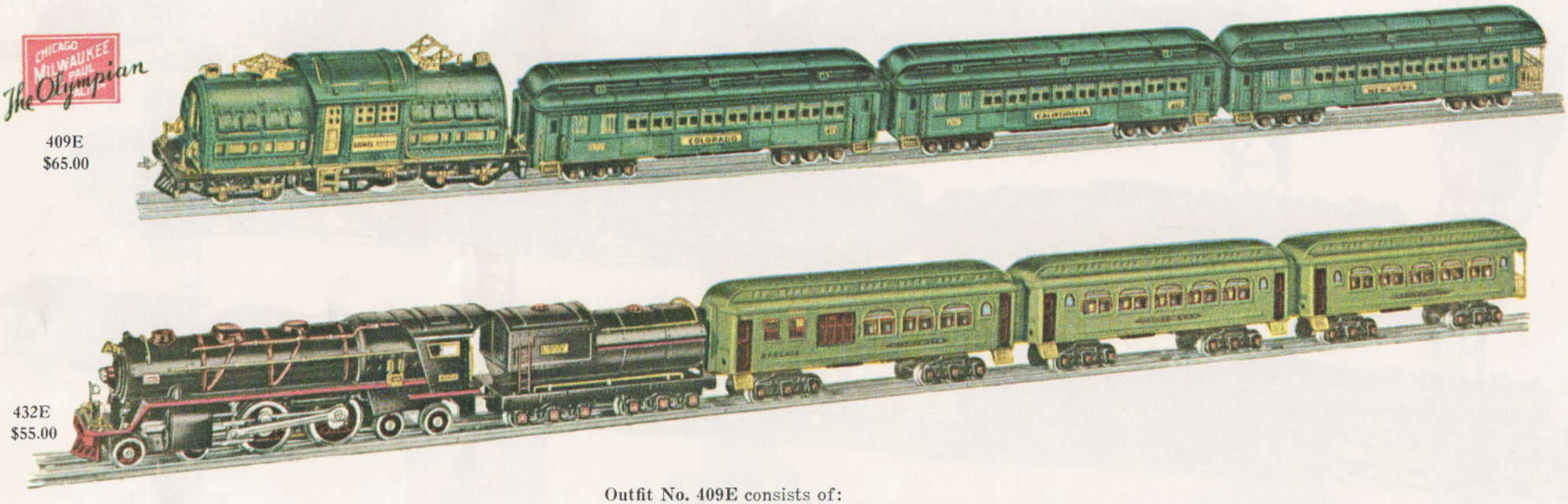
1—No. 392E Steam Type "Distant Control" Locomotive—With concealed headlight.
1—No. 384T Coal Tender.
1—No. 511 Flat Car—With load of lumber. Brass stakes and hand brake wheels.
1—No. 514R Refrigerator Car—With hinged doors.
1—No. 515 Oil Car—Trimmed in brass.
1—No. 516 Coal Car—With hopper bottom. You can remove the imitation coal and load it with your own cargo.
1—No. 517 Illuminated Caboose—Typical railroad rolling stock.
8—sections of C curved track.
6—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
2—No. 28 and 1 No. 28A Lamps.

Actual railroad specifications were used as guides in the construction of the locomotive and cars of this train. See it. Then you will never be satisfied until you own it. 91¾ inches long. Track forms oval 85¼ by 45 inches.

Price, $47.50

LIONEL'S MODEL OF THE "OLYMPIAN" AND A SPEEDY MATE

FOR "LIONEL STANDARD" TRACK



409E
$65.00

432E
$55.00

THE Lionel "Distant Control" train outfits on this page and throughout the book are distinguished by the letter "E." With each "E" type outfit and locomotive you get the No. 81 rheostat. By means of the controlling lever you can make the train go forward or backward, slow up or speed ahead, without touching the train itself. Get an "E" type outfit and enjoy the thrill of a 100% DISTANT CONTROL TRAIN.

Outfit No. 409E consists of:

1—No. 381E Electric Type "Distant Control" Locomotive—Designed after the powerful types that haul the famous "Olympian." Has two electric headlights, flags and adjustable pantagraphs. Richly embossed and handsomely trimmed. Copper journal boxes.
1—No. 412 Illuminated Pullman Car—With hinged roof. Press the clips and the top opens.
1—No. 413 Illuminated Pullman Car—Enameled in permanent colors. Inset windows and embossed details.
1—No. 416 Illuminated Observation Car—Like the other cars in this set, it is 21½ inches long, 6⅝ inches high. Illuminated brass platform.
8—sections of C curved track.
10—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
13—No. 28 Lamps.

A faithful copy of the "Olympian" that runs on the Chicago, Milwaukee, St. Paul and Pacific Railroad. A speedy and powerful locomotive—just raring to go! The cars are solidly built with inset panels. When the roof is opened, luxurious interior details are disclosed. Just think of it—revolving chairs, porcelain basins, private compartments and doors that actually swing open. Only Lionel can build such cars. Get the "Olympian" and have the thrill of your life; 86½ inches long. Track forms oval 114 by 45 inches.

Price, $65.00

Outfit No. 432E consists of:

1—No. 400E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated fire box.
1—No. 400T Oil Tender—With six-wheel trucks and copper journal boxes. Realistically embossed and beautifully proportioned.
1—No. 419 Illuminated Pullman and Baggage Car—The doors slide open and you can have lots of fun loading baggage.
1—No. 418 Illuminated Pullman Car—18¼ inches long. This series embodies great structural strength.
1—No. 490 Illuminated Observation Car—Colored tail lights and a transparent nameplate make a cheerful sight.
8—sections of C curved track.
8—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
5—No. 28 and 1 No. 28A Lamps.

There is no fun, no thrill, no pleasure in the world to compare with the downright joy you will get out of the hobby of building railroads—in miniature. Start right—with Standard Gauge and with an outfit such as this. 88½ inches long. Track forms oval 99½ by 45 inches.

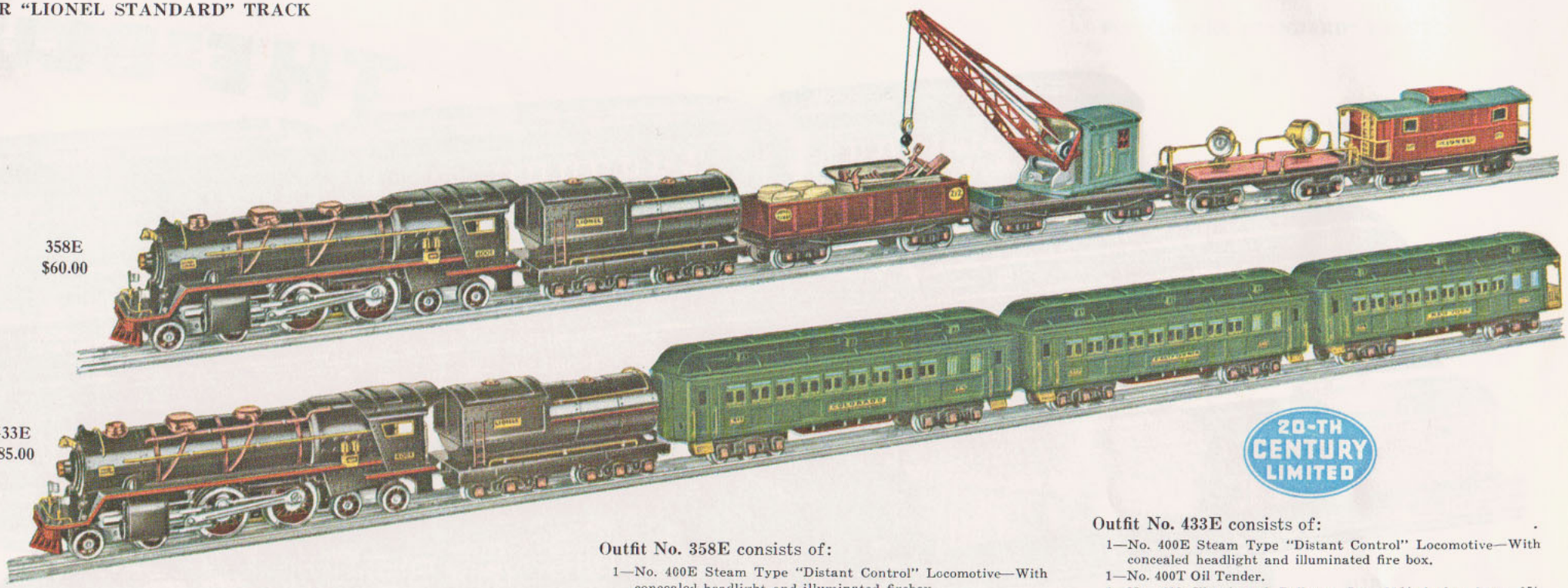
Price, $55.00

CRACK TRAIN OF THE LIONEL LINE—COPY OF A FAMOUS LIMITED

FOR "LIONEL STANDARD" TRACK

358E
$60.00

433E
$85.00



THE 400E Locomotive which pulls these two outfits is unquestionably the masterpiece of all model railroads. It is far ahead of its time and far ahead of any competition. Lionel engineers spent two years in studying, designing and constructing it. And you can spend years in enjoying its masterful appearance and powerful performance.

Outfit No. 358E consists of:

1—No. 400E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated firebox.

1—No. 400T Oil Tender—An exclusive Lionel model.

1—No. 212 Gondola Car—With eight barrels and set of tools.

1—No. 219 Derrick Car—With worm gear control.

1—No. 220 Floodlight Car—With adjustable reflectors. Throws powerful beams of light.

1—No. 217 Illuminated Caboose—Gives true railroad atmosphere.

8—sections of C curved track.

8—sections of S straight track.

1—STC "Lockon" Connection—By means of which contact is made from transformer to track.

1—No. 81 Controlling Rheostat.

4—No. 28 and 1 No. 28A Lamps.

Loads of fun in this famous work train. Fill the barrels with a cargo of pebbles. Lift them with the derrick. Swing them on to the gondola. And away you go across the country with full speed ahead! When you consider the quality of workmanship, the painstaking details, and the fun in store for you, this De Luxe outfit is a real value. 88 inches long. Track forms oval 99½ by 45 inches. **Price, $60.00**

Outfit No. 433E consists of:

1—No. 400E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated fire box.

1—No. 400T Oil Tender.

1—No. 412 Illuminated Pullman Car—21½ inches long, 6⅞ inches high. Has two six-wheel trucks with copper journal boxes.

1—No. 413 Illuminated Pullman Car—Like the other cars in this outfit, it has a patented hinged roof. Just press the nickeled clip and it's open!

1—No. 416 Illuminated Observation Car—The light on brass platform illuminates the tail lights and the transparent nameplate.

8—sections of C curved track.

10—sections of S straight track.

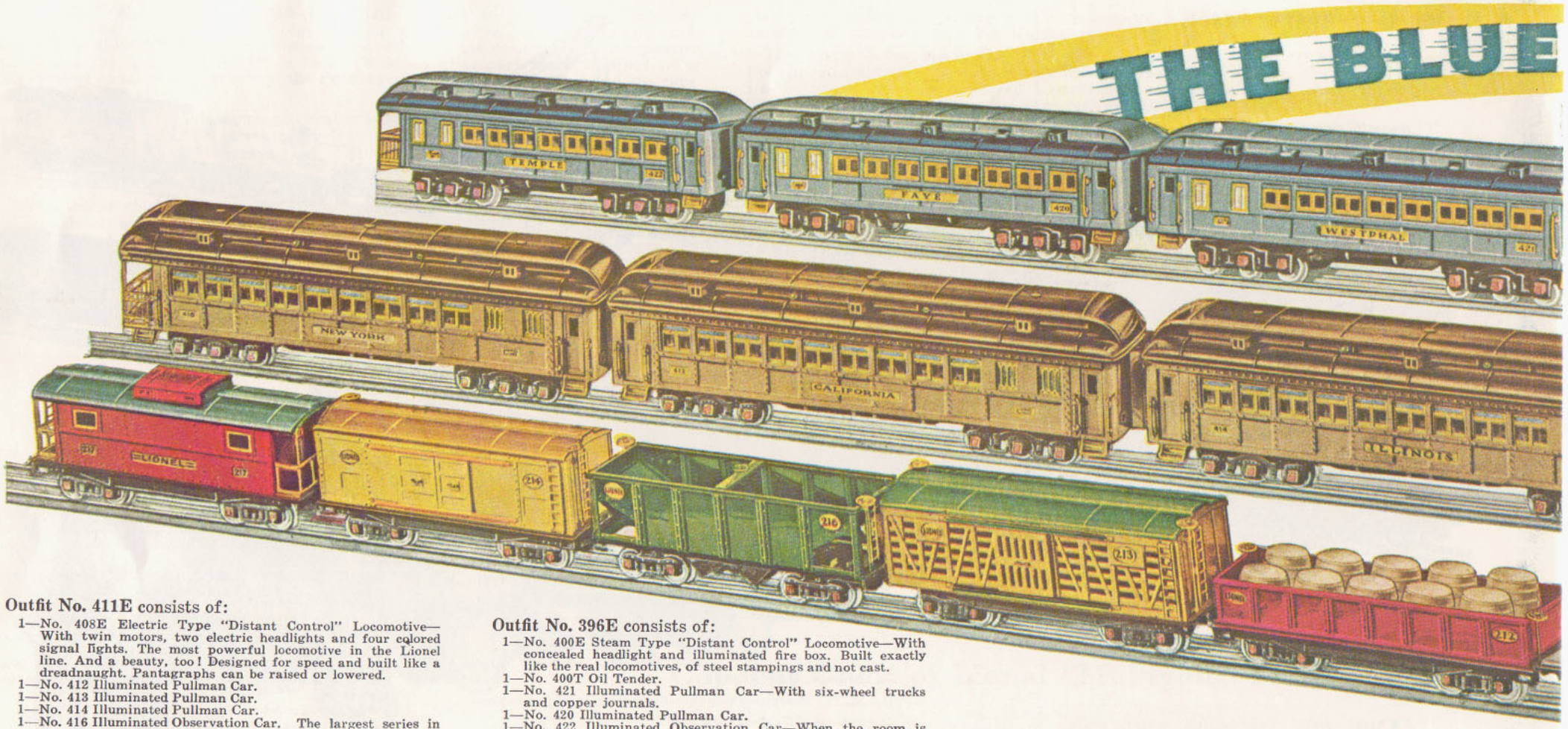
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.

1—No. 81 Controlling Rheostat.

8—No. 28 and 1 No. 28A Lamps.

Copied after the famous "Twentieth Century Limited," this prize outfit is one of the finest ever built. Cars are illuminated and have removable roofs, disclosing completely detailed interiors. They are long and graceful and enameled by the famous Lionel baked process. The doors swing open. The windows are transparent, with stained glass effect in transoms. Never before have you seen such luxury. The boy who gets this outfit will be lucky. And may that boy be you! 98 inches long. Track forms oval 114 by 45 inches. **Price, $85.00**

1975 Reproduction, Greenberg Publishing Co.



Outfit No. 411E consists of:

1—No. 408E Electric Type "Distant Control" Locomotive—With twin motors, two electric headlights and four colored signal lights. The most powerful locomotive in the Lionel line. And a beauty, too! Designed for speed and built like a dreadnaught. Pantagraphs can be raised or lowered.
1—No. 412 Illuminated Pullman Car.
1—No. 413 Illuminated Pullman Car.
1—No. 414 Illuminated Pullman Car.
1—No. 416 Illuminated Observation Car. The largest series in the Lionel line. 21 inches long, 6⅝ inches high. Heavily embossed and minutely detailed even to the smallest rivet. Hinged roofs easily opened, disclosing luxurious interiors.
8—sections of C curved track.
16—sections of S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
11—No. 28 and 4 No. 28 G Lamps.

Finest, largest, most complete passenger train ever produced. Twin-motor locomotive provides an abundance of power. Add as many cars as you like. The locomotive will run away with them. The four 21½ inch De Luxe Pullman cars with double lighting make this train an impressive sight. Years ahead of any other on the market. Built for those who want the best and know the best when they see it. Train is 107 inches long. Track forms oval 72 by 128 inches.

Price, $97.50

Outfit No. 396E consists of:

1—No. 400E Steam Type "Distant Control" Locomotive—With concealed headlight and illuminated fire box. Built exactly like the real locomotives, of steel stampings and not cast.
1—No. 400T Oil Tender.
1—No. 421 Illuminated Pullman Car—With six-wheel trucks and copper journals.
1—No. 420 Illuminated Pullman Car.
1—No. 422 Illuminated Observation Car—When the room is darkened, the tail lights and transparent nameplate make a thrilling sight. Like its companion cars, it is 18 inches long, 5 inches high.
8—sections C curved track.
8—sections S straight track.
1—STC "Lockon" Connection—By means of which contact is made from transformer to track.
1—No. 81 Controlling Rheostat.
5—No. 28 and 1 No. 28A Lamps.

An exact replica of the "Blue Comet," the most famous train to Atlantic City. Like the original train, it is enameled in royal blue with two-tone effects. Truly the most graceful model ever produced. Cars are low and long—accurately proportioned. They have interior illumination and removable roofs. Richly detailed in brass. It's fascinating to watch the piston action as the train speeds along the track. 91½ inches long. Track forms oval 99½ by 45 inches.

Price, $70.00

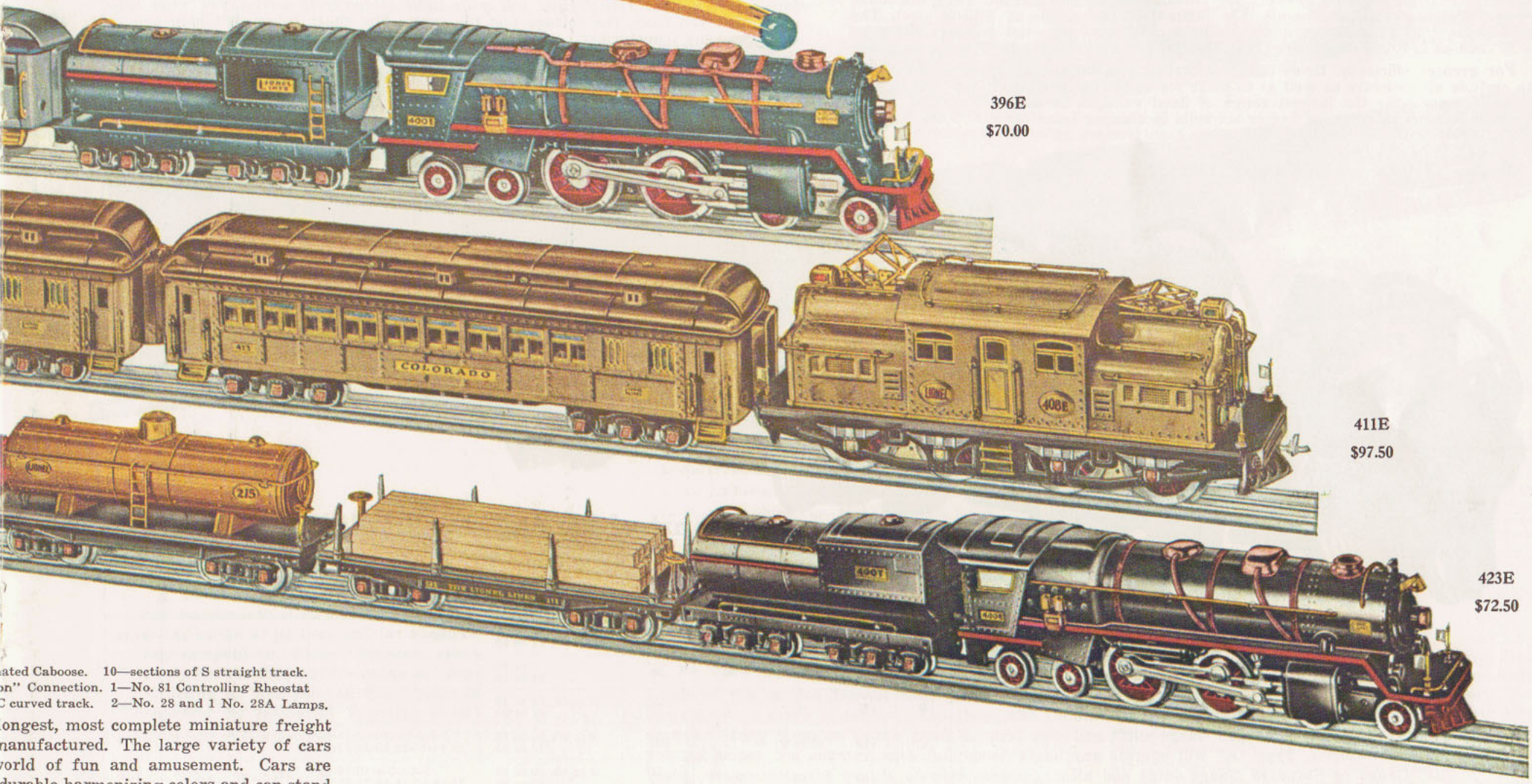
Outfit No. 423E consists of:

1—No. 400E Steam Type "Distant Control" Locomotive—Concealed headlight and illuminated fire box. A real miniature of a stream line Timken. You have never seen anything like it. The No. 400T Oil Tender is the most modern type used. Steel stamped throughout and beautifully proportioned. A fit companion to the 400E.
No. 211 Flat Car—With load of real lumber. The nickeled stakes and brake wheels make it most interesting.
No. 212 Gondola Car—With eight barrels. Fill the barrels with cargo. It's lots of fun.
No. 213 Cattle Car—With actual slats same as real ones. The doors slide open to permit loading.
No. 214 Box Car—Carefully embossed and with sliding doors. Brass ladders and brake wheels.
No. 215 Oil Car—Just like the kind that brings in the oil from the refineries.
No. 216 Coal Car—Always a fascinating number. A wheel in the center controls the hoppers which open for unloading.

No. 217 Illumi
1—STC "Lock
8—sections of
This is the
outfit ever
provide a v
enameled in
great abuse.
combined in
Track forms

COMET

FOR "LIONEL STANDARD" TRACK



396E
$70.00

411E
$97.50

423E
$72.50

ated Caboose. 10—sections of S straight track.
on" Connection. 1—No. 81 Controlling Rheostat
C curved track. 2—No. 28 and 1 No. 28A Lamps.

ongest, most complete miniature freight manufactured. The large variety of cars world of fun and amusement. Cars are durable harmonizing colors and can stand Fun, excitement, thrill and glamour are this excellent outfit. 131 inches long. oval 114 by 45 inches. **Price, $72.50**

LIONEL "MULTIVOLT" TRANSFORMERS ARE DEPENDABLE

Lionel "Multivolt" Transformers reduce alternating current to the low voltage required for operating Lionel Trains. From exterior appearances all transformers are essentially alike. Their life and efficiency depend upon the design of the component parts and the quality of materials used. Three essential parts are contained in a heavy steel case. These parts are, the Primary coil, the Secondary coil and the core of laminated steel.

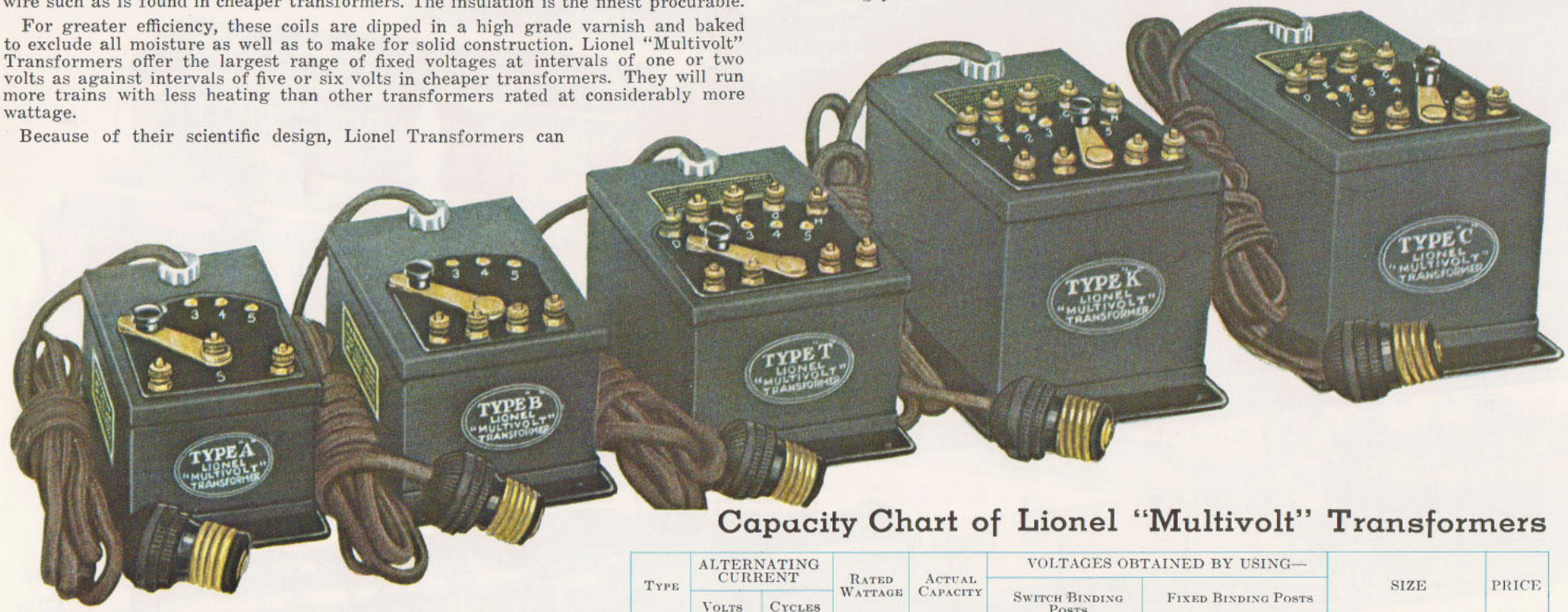
Lionel "Multivolt" Transformers, after extensive laboratory tests by capable engineers, have been found superior to every toy transformer on the market. They are made of the best materials obtainable. The laminations are made of Silicon steel. The coils are wound with enameled wire with insulated covering—not ordinary enameled wire such as is found in cheaper transformers. The insulation is the finest procurable.

For greater efficiency, these coils are dipped in a high grade varnish and baked to exclude all moisture as well as to make for solid construction. Lionel "Multivolt" Transformers offer the largest range of fixed voltages at intervals of one or two volts as against intervals of five or six volts in cheaper transformers. They will run more trains with less heating than other transformers rated at considerably more wattage.

Because of their scientific design, Lionel Transformers can withstand continuous overloads and even temporary short circuits with less danger of burning out than any other transformer manufactured.

They are listed as standard by the National Board of Underwriters and are unconditionally guaranteed as long as they are used as specified. The National Board of Underwriters has even approved Lionel's 100 watt transformer which is the only transformer of this wattage to receive such an endorsement.

Lionel "Multivolt" Transformers operate only on (A.C.) Alternating current. Before selecting your transformer ask your light company to advise you what type of current you have, the voltage and the cycle. The chart below will help you in selecting your transformer.



Types "A" and "F" will operate any "O" Gauge outfit and a few accessories. Type "B" will operate any "O" Gauge outfit and many accessories. Types "C" and "T" will operate any "O" Gauge or Standard Gauge outfit and many accessories. Type "K" will operate any "O" Gauge or Standard Gauge outfit and all accessories or two trains at the same time.

Capacity Chart of Lionel "Multivolt" Transformers

Type	Alternating Current		Rated Wattage	Actual Capacity	Voltages Obtained by Using—		Size	Price
	Volts	Cycles			Switch Binding Posts	Fixed Binding Posts		
A	110	60	60	60	Volts 6 to 10 11 to 15	Volts 5	3¾" x 5⅛" x 3¼"	$3.75
F	110	25 to 40	40	50	6 to 10 11 to 15	5	4¼" x 5½" x 3¾"	3.75
B	110	60	75	75	8 to 12, 14 to 18 21 to 25	6-7-13	4¼" x 5½" x 3¾"	5.00
C	110	25 to 40	75	100	2 to 10, 10 to 18 17 to 25	2-4-6-7-8-10-12-14-15 16-17-18-19-21-23-25	4¾" x 6" x 4⅝"	7.50
T	110	60	100	125	2 to 10, 10 to 18 17 to 25	2-4-6-7-8-10-12-14 15-16-17-18-19-21-23-25	4¾" x 6" x 4⅝"	7.50
K	110	60	150	175	2 to 10, 10 to 18 17 to 25	2-4-6-7-8-10-12-14 15-16-17-18-19-21-23-25	4½" x 6" x 4"	11.00

A-B-T and K Transformers Can Now Be Had for 220 Volts. Specifications and Prices Same as 110-Volt Types Listed Above.

Details and Construction of Lionel "Multivolt" Transformers

Laminations—The laminations are made of sheets of silicon steel of excellent magnetic quality.

Coils—The primary coil is wound with enamel wire with glassine paper between layers. The secondary coil is wound with cotton-covered enamel wire. Coils are then impregnated in a high grade varnish and baked to exclude moisture.

Metal Case—The coils are contained in a well designed steel case of a heavier weight than is required by the Underwriters' Laboratories.

Sub-Base — The sub-base electrically welded to the case permits the circulation of air under the transformer, which keeps it cool while in operation.

Double Contact Switch—This switch is infinitely superior to the one-piece type which is easily bent and does not make positive contact. Our double switch has a flexible phosphor bronze contact riveted underneath a heavy brass piece which protects it from injury and insures positive contact with the points. An exclusive feature of Lionel "Multivolt" Transformers.

Rigid Supports for Coils—The coils and laminations in Lionel "Multivolt" Transformers are rigidly supported inside the case by metal clamps which prevent these parts from moving and eliminates the possibility of broken lead wires.

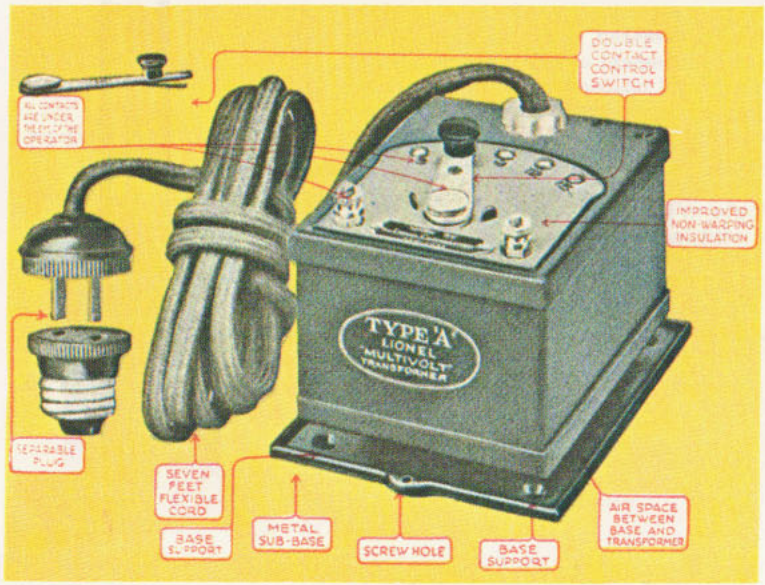
Separable Plug—All Lionel "Multivolt" Transformers are fitted with an improved Bakelite plug.

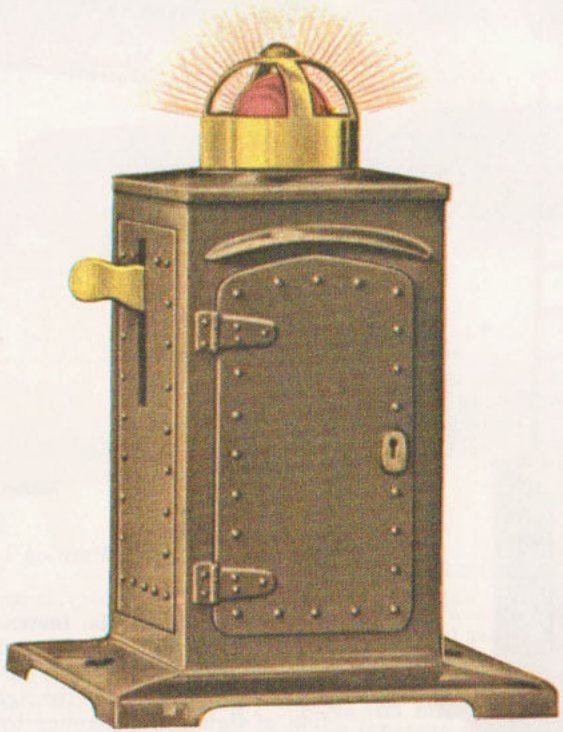
Connections—All binding posts, contact points and switch are mounted on one piece of heavy insulating material, all conveniently located at the top of the transformer—right before the eyes of the user.

Lamp Cord—Seven feet of best grade flexible lamp cord are supplied with each transformer.

Finish—Lionel "Multivolt" Transformers are finished with a rubberoid enamel that is applied at 350 degrees Fahrenheit. This finish cannot be scratched nor will it peel off during the life of the transformer.

The above specifications prove conclusively the superiority of Lionel "Multivolt" Transformers.

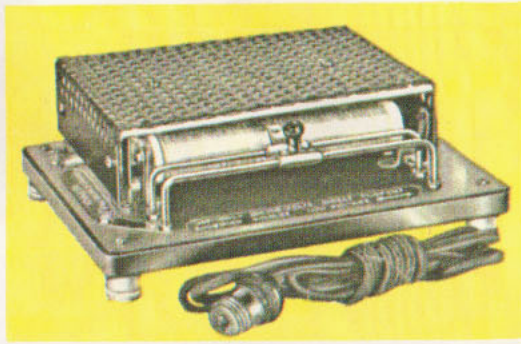




No. 91 Circuit Breaker—Every Lionel fan should have one. It is an ingenious device that functions as an automatic and never failing safety signal in case of short circuit or if the train leaves the rails.

In case of either of these occurrences, the red light becomes illuminated and the current is immediately shut off from the transformer until the fault is remedied. The Circuit Breaker is an invaluable accessory to your outfit.

The mechanism is enclosed in a die cast case, durably enameled. The bulb is surmounted by a highly polished brass guard. You should have one! 2¾ inches square, 4¼ inches high. **Price, $3.25**

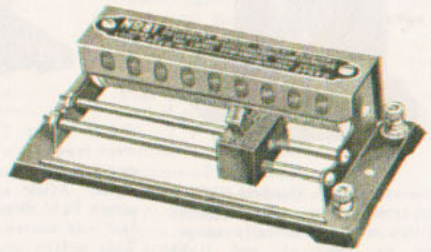


No. 107 Direct Current Reducer for 110 Volt Circuit—Reduces the direct current to the low voltage required for operating Lionel Electric Trains. Used in place of a transformer when house current is "D. C." The very highest grade of resistance wire is wound on four porcelain tubes. These tubes are protected and ventilated by perforated steel covering lined with heavy asbestos. They are mounted on an 8 by 11 inch unbreakable base, made of insulated composition.

The sliding lever regulates the voltage so that you can operate your train at very slow pace or make it fly at express speed.

The direct current reducer is equipped with a heavy lamp cord insulated by an extra outer wrapper of fabric and a genuine bakelite plug instead of one made of moulded material. **Price,$7.50**

No. 170 Direct Current Reducer for 220 Volt Circuit.
Price, $7.50



No. 81 Controlling Rheostat—Used for increasing or decreasing the current delivered through the transformer, in steps of less than one volt. This gives you a very delicate control of your train set. By manipulating the small lever you can start and stop your train at will. If your locomotive is of the "E" type Distant Control, this rheostat will, at any distance from the track, start, stop, slow down or reverse your train. The resistance coil is protected by a perforated steel covering which is air cooled.

This rheostat can also be used when trains are operated on dry or storage batteries. 4⅞ inches long, 2½ inches wide.
Price, $2.50

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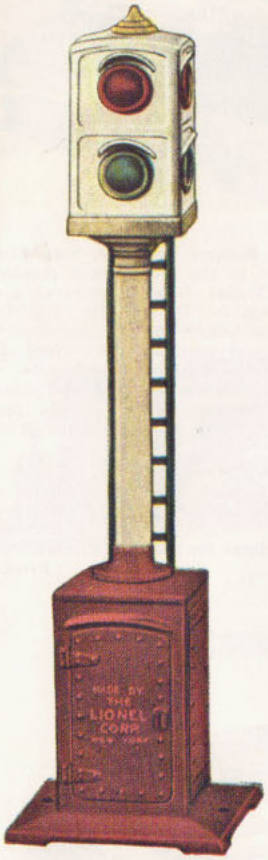
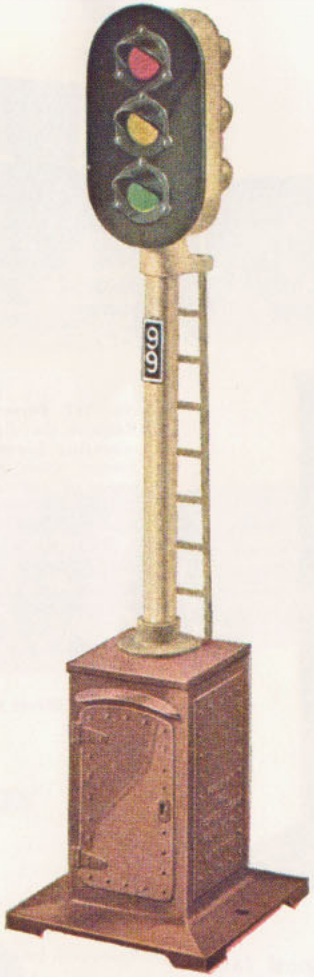
NEWEST AUTOMATIC SIGNALS—JUST LIKE THE REAL ONES!



Automatic Train Control—When train approaches, red light glows and train automatically stops. After an interval, red light changes to green and train proceeds. Can be set so that train will not stop and light remains at green. Includes lamp, connecting wires and "Lockon." 10¼ inches high.

No. 078—For "O" Gauge.
Price, $4.50

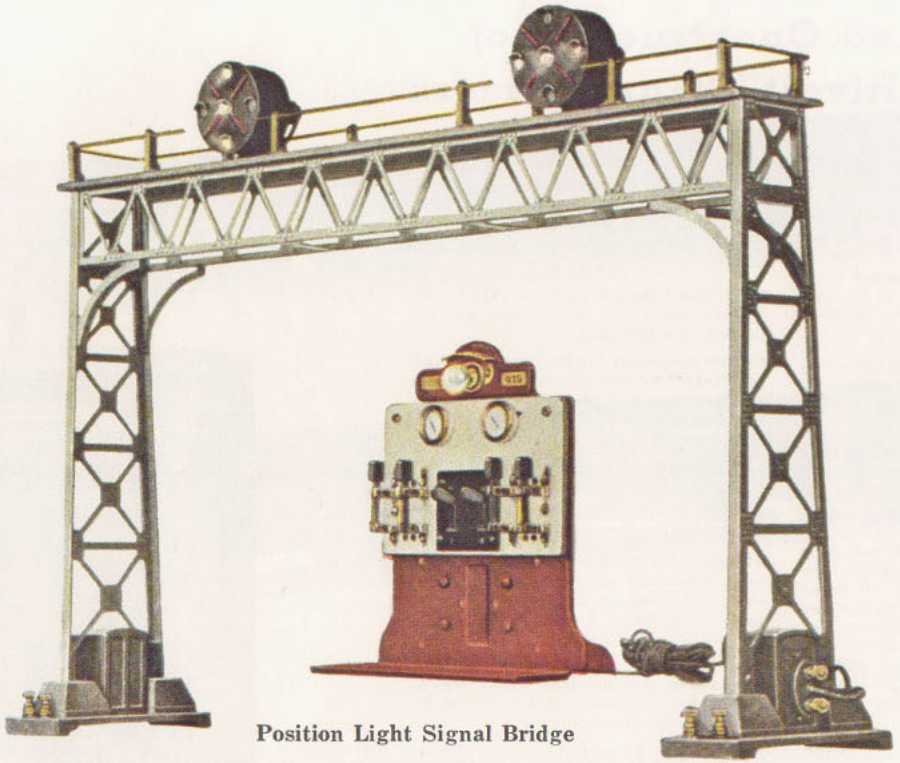
No. 78—For "Lionel Standard."
Price, $4.50



Color Light Train Control—As train passes over track to which control is connected, yellow caution light goes off, red light shines and train stops. After an interval, red light goes off, green light shines and train proceeds. When the last car leaves block, light changes to yellow. This action goes on indefinitely with remarkable precision. By means of a small lever at the base, you can control the intervals between light changes, or you can cut out the control so that the train proceeds without stopping. Includes special section of SS track, two No. 28 clear lamps, one No. 29 special yellow lamp, two "Lockons" and four fibre pins. 11¼ inches high.

No. 099 Color Light Train Control for "O" Gauge."
Price, $5.50

No. 99 Color Light Train Control for "Lionel Standard."
Price, $5.50



Position Light Signal Bridge

THIS new accessory is an accurate reproduction of those used on modern railroads. Instead of using colored lights as signals, the position of clear lights determines the movement of the train.

When the three lights are in a horizontal position, train stops and remains stationary until the light changes to vertical position. The position of lights is controlled by means of illuminated panel board supplied. Through the two control levers in the center of panel, one for each set of lamps, you can control the movement of two trains. The light housing can be reversed to illuminate in opposite directions. The four knife switches on the panel can be used to control other accessories.

Provision is also made on panel board for attaching control levers of electrically operated switches. (See illustration on page 46.)

Complete with fibre pins, two "Lockons" and connecting wires. 20 inches wide, 14½ inches high, 3¾ inches deep.

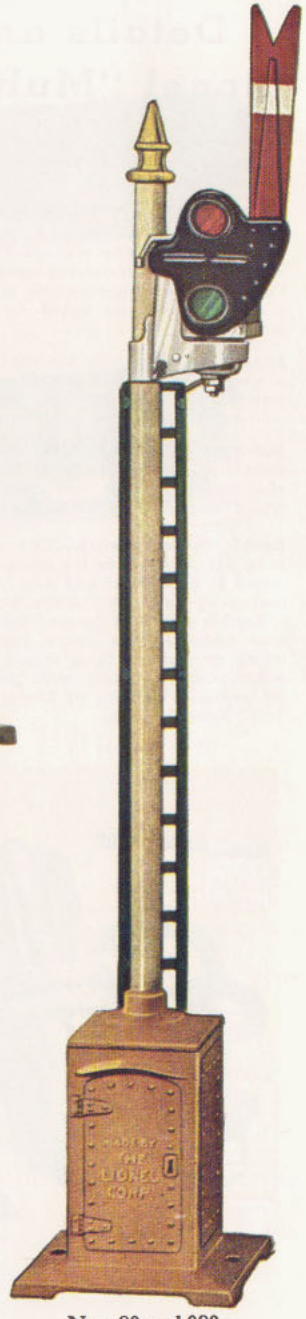
No. 0440 for "O" Gauge Track. **Price, $12.50**

No. 440 for "Lionel Standard." **Price, $12.50**

Automatic Semaphore—As train passes over special patented section of track, arm rises and green bull's-eye is illuminated. When train has passed, arm drops horizontally and red bull's-eye is illuminated. Automatic in operation. From base to spire, 15 inches high. Includes lamp, connecting wires, "Lockon" and special track.

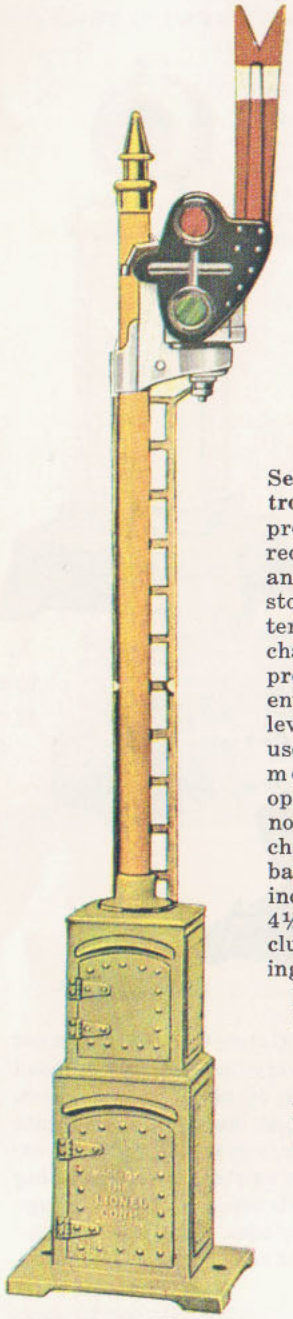
No. 080—For "O" Gauge Track. **Price, $4.75**

No. 80—For "Lionel Standard." **Price, $4.75**



Nos. 80 and 080

NO RAILROAD IS COMPLETE WITHOUT THESE ACCESSORIES

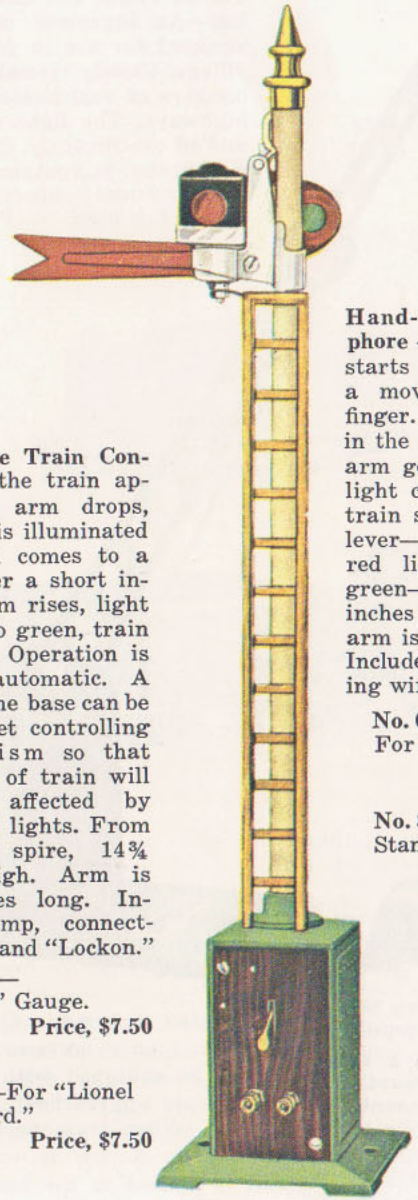


Semaphore Train Control—As the train approaches, arm drops, red light is illuminated and train comes to a stop. After a short interval, arm rises, light changes to green, train proceeds. Operation is entirely automatic. A lever in the base can be used to set controlling mechanism so that operation of train will not be affected by change of lights. From base to spire, 14¾ inches high. Arm is 4⅛ inches long. Includes lamp, connecting wires and "Lockon."

No. 082—
For "O" Gauge.
Price, $7.50

No. 82—For "Lionel Standard."
Price, $7.50

Nos. 82 and 082

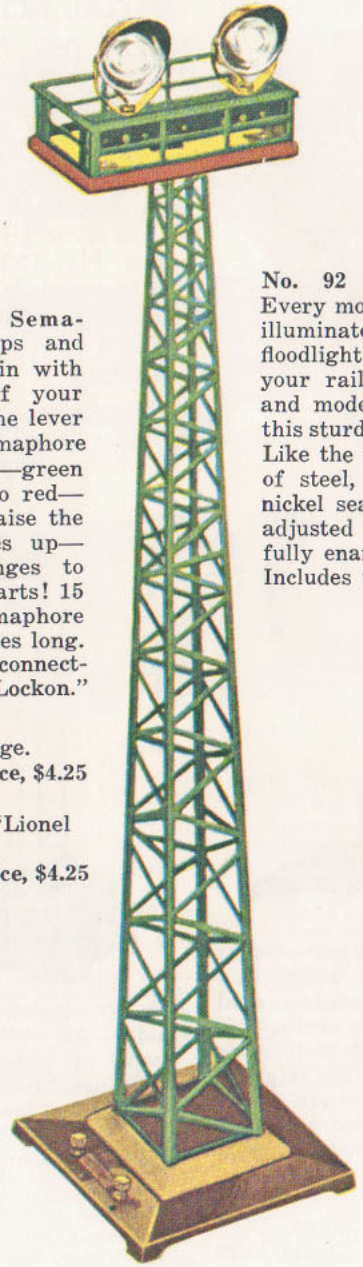


Hand-Control Semaphore — It stops and starts your train with a movement of your finger. Lower the lever in the base—semaphore arm goes down—green light changes to red—train stops! Raise the lever—arm goes up—red light changes to green—train starts! 15 inches high. Semaphore arm is 4⅛ inches long. Includes lamp, connecting wires and "Lockon."

No. 084—
For "O" Gauge.
Price, $4.25

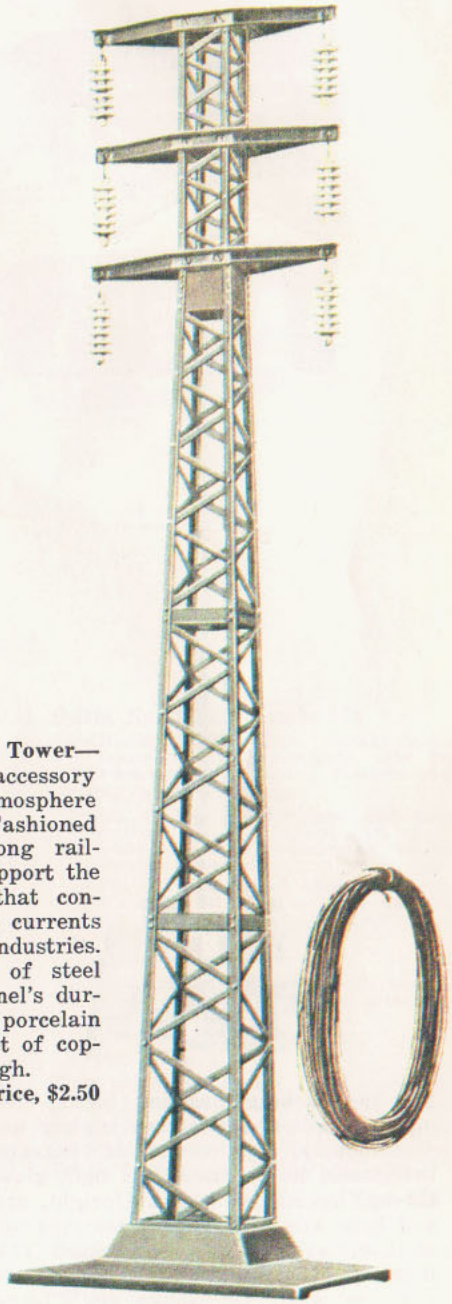
No. 84—For "Lionel Standard."
Price, $4.25

Nos. 84 and 084



No. 92 Floodlight Tower—Every modern railroad yard is illuminated at night by giant floodlight towers. If you want your railroad to be complete and modern, you should have this sturdily constructed model. Like the real tower, it is made of steel, with highly polished nickel searchlights that can be adjusted to any angle. Beautifully enameled. 20 inches high. Includes two bulbs.
Price, $5.00

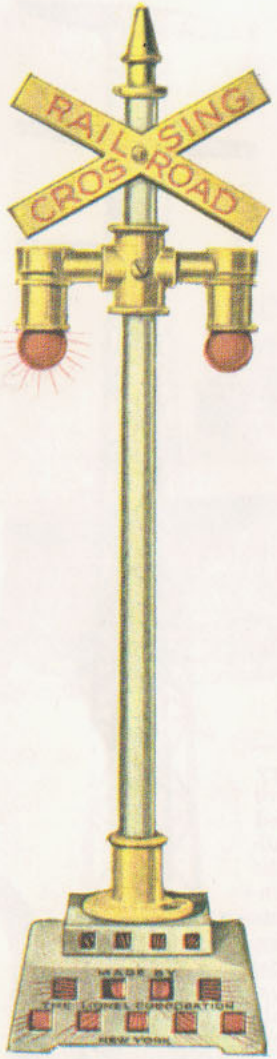
No. 92



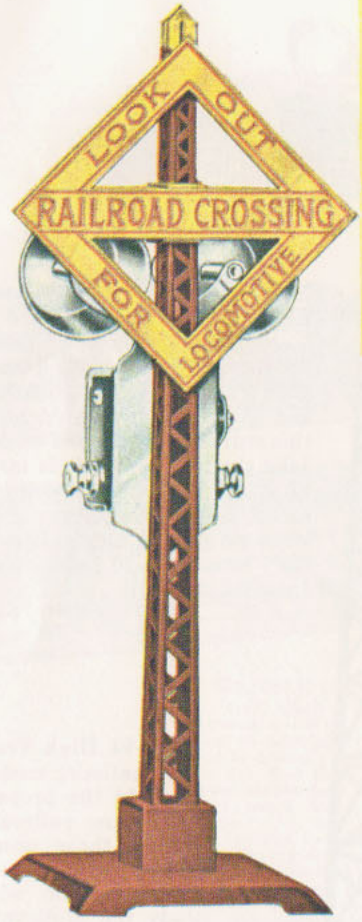
No. 94 High Tension Tower—A realistic, modern accessory to add the proper atmosphere to your railroad. Fashioned after those seen along railroad tracks. They support the high tension wires that convey the high voltage currents to railroads and industries. Sturdily constructed of steel and enameled by Lionel's durable process. Includes porcelain insulators and 25 feet of copper wire. 24 inches high.
Price, $2.50

No. 94

EVERY RAILROAD HAS WARNING SIGNALS • YOURS SHOULD TOO!



No. 79 Flashing Crossing Signal—Red lights flash on and off alternately and continuously, by means of patented thermostat in the base. Red light glows through openings in base. Upright, arm and base are made of die castings and steel and are beautifully enameled. 11½ inches high. Base 2¾ inches square. For use with "O" Gauge and "Lionel Standard." **Price, $5.25**



Electric Warning Signal—Gongs ring automatically when train passes over patented special section of track to which this signal is connected. Bell stops ringing when crossing is clear. Finished in bright colors. Gongs are made of nickeled steel. Includes section of special patented track, connecting wires and "Lockon."

No. 069—For "O" Gauge. **Price, $3.25**

No. 69—For "Lionel Standard." **Price, $3.50**

SPECIAL NOTICE

Nos. 69, 069, 77 and 077 on this page as well as Nos. 80 and 080 on page 30 are operated through Lionel's OSS or SS track. This track is an exclusive Lionel patent, No. 1636416. Beware of infringements and substitutes.

No. 87—Railroad Crossing Signal — An accurately detailed model of those used on grade crossings throughout the country. Bright red lantern is mounted on a white background. Flashes at one second intervals by means of a self-contained patented device. Base contains terminals for connecting wires. 6¾ inches high. For use with "O" Gauge and "Lionel Standard." **Price, $3.50**

No. 83 Traffic and Crossing Signal—An ingenious device constructed for use in your Lionel village. Closely resembles traffic blinkers of real boulevards and highways. The light flashes on and off continuously. Controlling mechanism is contained in the base. Includes connecting wires. 6¼ inches high. **Price, $3.00**

Illuminated Automatic Crossing Gate—One of the most realistic Lionel accessories. Every miniature railroad should be equipped with several of these model gates. When train approaches, red light is illuminated and gate lowers. When train passes, gate rises and light is extinguished. Action is completely automatic. Operating unit is housed in the base. Constructed of heavy gauge steel. Gate is 11 inches long. Includes section of special patented track, connecting wires and "Lockon."

No. 077—For "O" Gauge. **Price, $4.25**

No. 77—For "Lionel Standard." **Price, $4.50**

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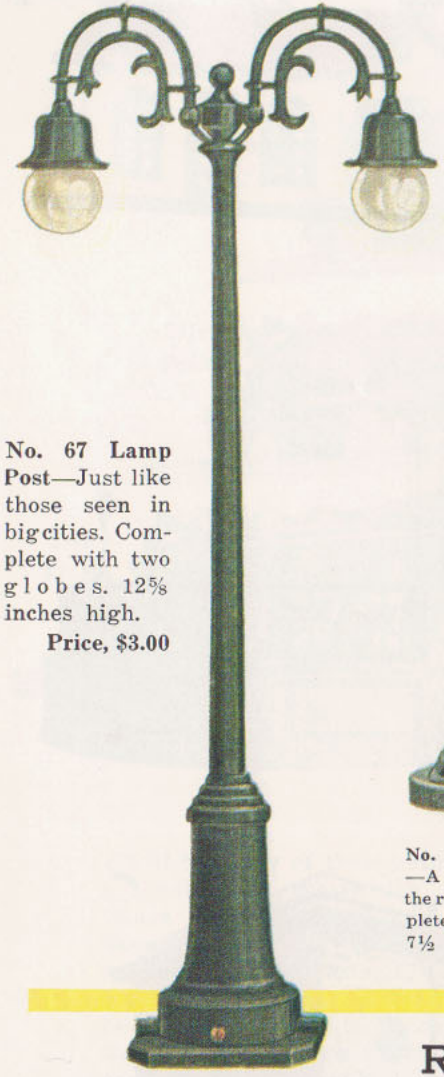
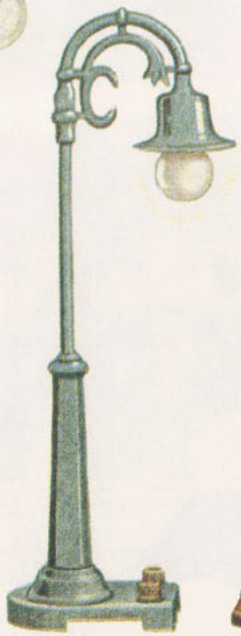
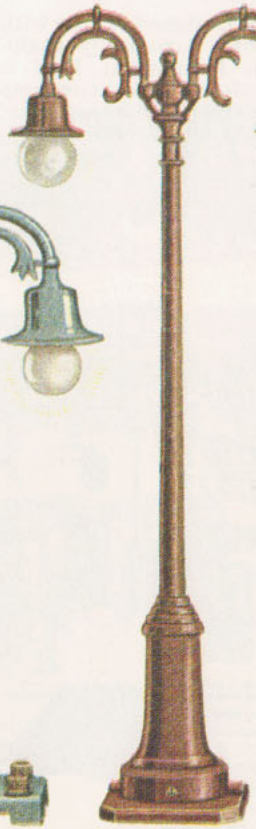
ADD LIGHT, COLOR AND REALISM WITH THESE LAMP POSTS



No. 67 Lamp Post—Just like those seen in big cities. Complete with two globes. 12⅝ inches high.
Price, $3.00

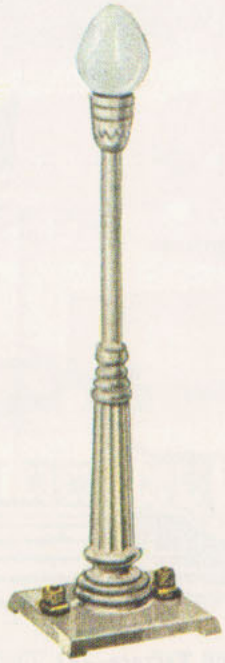


No. 58 Lamp Post—A true copy of the real ones. Complete with globe. 7½ inches high.
Price, $1.30



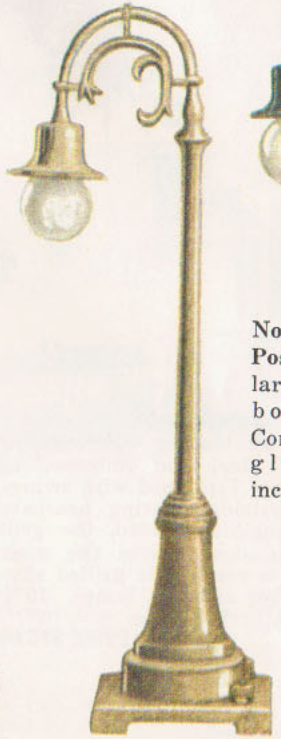
No. 54 Lamp Post—An attractive, graceful, double arm lamp post. Complete with two globes. 9½ inches high.
Price, $2.35

No. 57 Lamp Post—Top is removable so that lamp can be renewed. Complete with lamp. 7½ inches high.
Price, $1.75



No. 53 Lamp Post—New and very popular model. Complete with globe. 8½ inches high.
Price, $1.35

No. 56 Lamp Post—Top can be removed so that lamp can be renewed. Complete with lamp. 7¾ inches high.
Price, $1.75



No. 59 Lamp Post—Very graceful. Complete with globe. 8⅝ inches high.
Price, $1.60

No. 61 Lamp Post—Popular along the boulevards. Complete with globe. 12⅝ inches high.
Price, $2.25

Renewal Lamps for Lionel Electric Trains and Accessories

No. 29 Yellow Lamp—18 volts, ½" round. **Price, $.30**
No. 27R Red Lamp—12 volts, ⅝" round. **Price, $.30**
No. 27G Green Lamp—12 volts, ⅝" round. **Price, $.30**
No. 28R Red Lamp—18 volts, ⅝" round. **Price, $.30**
No. 28A Amber Lamp—18 volts, ⅝" round. **Price, $.30**
No. 28G Green Lamp—18 volts, ⅝" round. **Price, $.30**

The red lamps listed are for use in Nos. 025 and 25 Bumpers, in No. 79, Flashing Railroad Signals, and in Nos. 77 and 077 Automatic Crossing Gates.

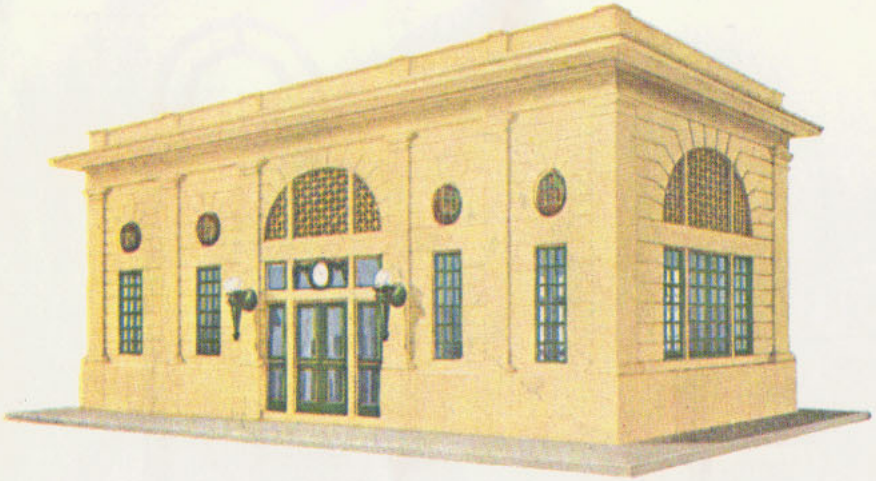
Green lamps are for use in front and rear lanterns of 408E Electric Type Locomotive.

Yellow lamps for use in 99 and 099 train controls.

No. 27—12 volt, ½" round lamp. For use in all "O" Gauge equipment. **Price, $.25**
No. 28—18 volt, ½" round lamp. For use in all "Lionel Standard" equipment. **Price, $.25**
No. 39—12 volt, ¾" heart shaped globe. For use with Nos. 54 and 58 lamp posts. **Price, $.30**
No. 40—18 volt, ¾" heart shaped globe. For use with Nos. 61 and 67 lamp posts and all trains. **Price, $.30**
No. 53-8—18 volt, 1" heart shaped globe. For use with No. 53 lamp post. **Price, $.30**

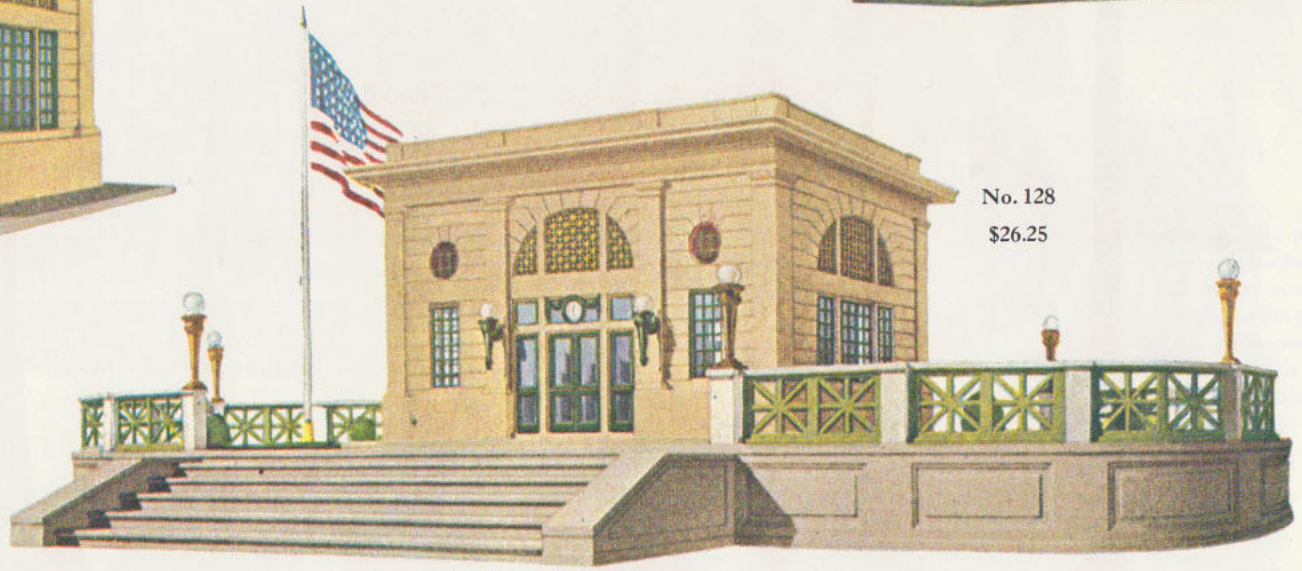
1975 Reproduction, Greenberg Publishing Co.

JUST LIKE THE REAL RAILROAD STATIONS IN YOUR TOWN



No. 114 Station—This beautifully designed model closely resembles terminals erected by leading railroads in recent years. Constructed of steel and embossed to represent limestone construction. Equipped with swinging doors, two ornamental outside lighting brackets and two interior lights. When illuminated, the grill work above the windows and doors gives the most realistic effect. The roof has a removable grilled skylight. Complete with two globes and two lamps. 19¾ inches long, 9 inches high, 9½ inches wide.
Price, $15.00

No. 127 Station—Designed for use with "O" Gauge outfits. Artistically enameled. Interior is illuminated. Roof is removable. Complete with electric lamp and connecting wires. 8½ inches long, 4¼ inches wide, 5 inches high.
Price, $2.95



No. 128
$26.25

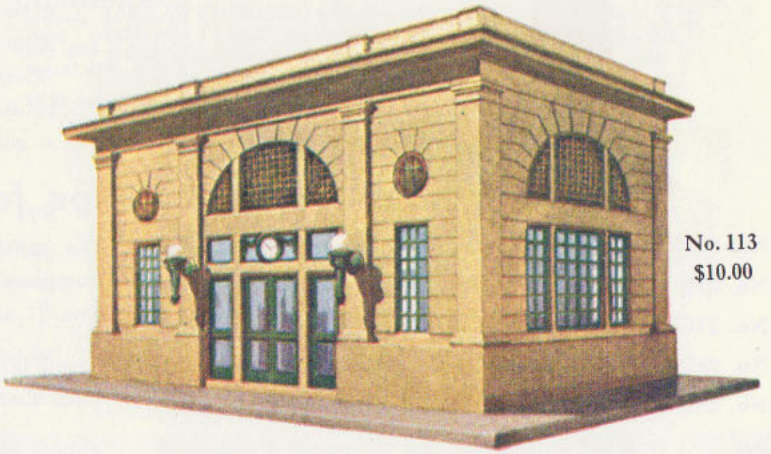
No. 126 Station—Designed for use with smaller train outfits. Made of stamped steel with a beautiful crackle finish. Roof is removable and interior is illuminated. Complete with electric lamp and connecting wires. 10¼ inches long, 7¼ inches wide, 7 inches high. **Price, $4.75**

No. 129 Station Terrace—As illustrated above but without station. Embossed steel, enameled to represent limestone construction. Six wide steps lead to platform containing flower beds, grass plots, flagstaff and flag. Six stately illuminated lamp posts on railing. For use with stations Nos. 126, 112 and 113. It is 31½ inches long. 18 inches wide.
Price, $16.75

No. 113 Station—Constructed of steel and embossed to represent limestone construction. Realistically grilled windows. Two outside lighting brackets, one interior lamp. Swinging doors. skylights. 13¾ inches long, 9¼ inches wide, 9 inches high. **Price, $10.00**

No. 112 Station—Same as No. 113, but without outside lighting brackets and globes. **Price,$7.50**

No. 128 Station and Terrace—A combination of No. 113 Station and No. 129 Terrace. It makes an impressive sight and gives majesty to your Railroad. **Price, $26.25**



No. 113
$10.00

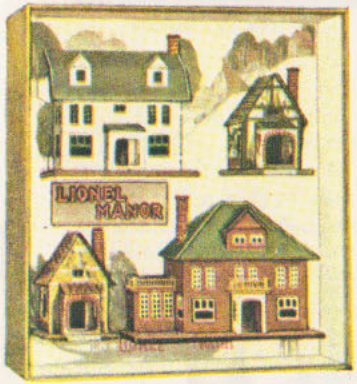
LIONEL'S NEW TRUE-TO-LIFE FIGURES FOR YOUR RAILROAD

No. 550 Lionel Miniature Railroad Figures

Your wish has come true! What could be more lifelike than these beautiful Lionel three-inch figures. They will add life to your railroad station. The engineer with his blue overalls can be placed beside the engine as though he were oiling it. The man with the bag is ready to climb on. The porter with his removable stool is waiting for the passengers. The woman with arm raised seems to say "Wait for me" and the Red Cap loaded with bags is following her. He will be glad when you remove his heavy load of bags. Watch in hand, the conductor is ready to give the signal. All aboard! The train is ready to start. **Price per set, $1.75**

Individual Figures Can Be Purchased Separately

No. 551—Engineer.	Price, $.25	No. 554—Male Passenger.	Price, $.25
No. 552—Conductor.	Price, $.25	No. 555—Female Passenger.	Price, $.25
No. 553—Porter with removable footstool.	Price, $.25	No. 556—Red Cap with removable luggage.	Price, $.50



No. 192 Illuminated Villa Set—An attractive assortment of model houses. Comprises 1 No. 191 villa, 1 No. 189 villa and 2 No. 184 bungalows. Each is complete with interior lights and connecting wires. **Price, $7.00**

Warning Signal—Brass cross arms mounted on enameled structural steel standard. Brightly colored, realistically detailed.

No. 068—For "O" Gauge. 6⅝ inches high. **Price, $.50**

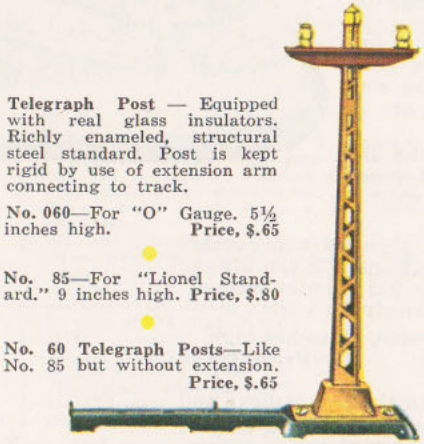
No. 68—For "Lionel Standard." 8⅞ inches high. **Price, $.90**

No. 62 Semaphore—Brightly colored arm has 3 discs—red, green, yellow—and is operated by lever near base. Enameled by Lionel's patented permanent process. 8⅞ inches high. **Price, $.90**

No. 90 Flagstaff and Flag — Flagstaff fits into an ornamental base mounted on a miniature grass plot with flowered border. 14¾ inches high. **Price, $1.00**

No. 89 Flagstaff and Flag — Same as No. 90 but with square metal base. **Price, $.75**

No. 70 Accessory Outfit—Consists of 2 No. 62 semaphores, 1 No. 59 lamp post, 1 No. 68 warning signal, 2 extra globes. These accessories will add much to the realism of your railroad. **Price, $4.50**

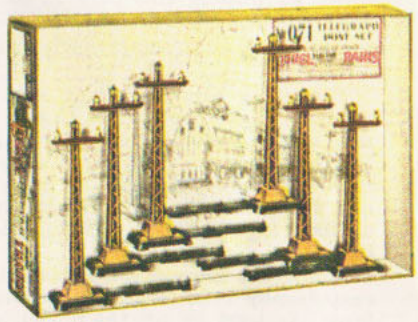


Telegraph Post — Equipped with real glass insulators. Richly enameled, structural steel standard. Post is kept rigid by use of extension arm connecting to track.

No. 060—For "O" Gauge. 5½ inches high. **Price, $.65**

No. 85—For "Lionel Standard." 9 inches high. **Price, $.80**

No. 60 **Telegraph Posts**—Like No. 85 but without extension. **Price, $.65**



No. 071—For "O" Gauge. Contains 6 No. 060 Telegraph Posts, 5½ inches high. Buy them by the box. **Price, $3.75**

No. 86—For "Lionel Standard." Contains 6 No. 85 Telegraph Posts—9 inches high. **Price, $4.50**

No. 186 Illuminated Bungalow Set—Comprises 5 No. 184 bungalows, beautifully finished in assorted colors. Complete with interior lights and connecting wires. Attractively packed. **Price, $6.25**

AND NOW YOU CAN HAVE REAL VILLAGES AND COUNTRYSIDES

No. 920
$25.00

ONE of the most fascinating elements of Model Railroading is the creation of naturalistic effects such as Villages and Countrysides. To add the spirit of realism to your railroad, Lionel artisans have created the NEW LIONEL PARKS. Without any effort on your part you can quickly transform your layout into a realistic miniature landscape.

No. 921 Lionel Scenic Park is a miniature piazza with grass plots and flowering shrubs. Steps rise along the terrace to the landscaped homes and bungalows. A real suburban effect is created. Shade trees and hedges make the scene more colorful. The grass is almost real.

Six illuminated all-steel villas and three illuminated bungalows complete the community.

The park is solidly constructed of plywood and strong felt composition and is hand painted. It comes in three sections to which others can be added. Each section is completely wired and ready to plug in. Run your tracks around the Lionel Park and see an enchanted scene. 85 inches long, 31½ inches wide, 10 inches high. **Price, $35.00**

No. 921C—The Center Section of No. 921—Can be purchased separately to be added to No. 920 or to further enlarge No. 921. With little effort on your part, the center plot can be removed and remodeled after your own wishes. You may wish to build a lake or a center park with the use of No. 910 grove of trees or No. 922 illuminated lamp terrace. (See page 38.) This section is completely wired and ready for use. 28 inches long, 31½ inches wide, 10 inches high. **Price, $10.00**

IT seems as though a fairy godmother had waved her wand over a beautiful countryside and transformed it into miniature form. By placing this park in the center of your layout, you will add that touch of life so necessary to the enjoyment of model railroading.

The plaza can be further enlivened with miniature automobiles and trucks. Lionel figures can add the human interest.

High up on the bluff nestle four villas and two bungalows surrounded by shade trees and flowering bushes. The homes are constructed of steel and their interiors are illuminated.

The lights filter through the windows and cast homey reflections on the bright green lawn. As soon as you see it you will want it for your very own.

The park is constructed of heavy plywood and durable felt composition. It is built in two sections and can always be enlarged by adding one or more No. 921C center sections. Each section is completely wired and ready for use.

No. 920—57 inches long, 31½ inches wide, 10 inches high. **Price, $25.00**

No. 921, $35.00

AT last you can operate your train through valleys and countrysides! All the charm and beauty of a hillside have been condensed in this beautiful Lionel creation. Nestled on a knoll is a little red roofed house. At the foot of the mountain, stately cedars and shrubs surround a country home.

Made of strong felt composition mounted on a wooden base. Hand painted and decorated. Trees are made by a new process and are the most realistic replicas produced.

No. 917—34 inches long, 9½ inches high, 15 inches wide. **Price, $4.00**

No. 918—30 inches long, 9½ inches high, 10 inches wide. **Price, $3.00**

No. 917, $4.00—No. 918, $3.00

MOUNTAINS AND TUNNELS TO ADD REALISM AND COLOR

No. 140L Illuminated Tunnel—Sturdily constructed of heavy steel. Colorful bungalows and decoration make this look like a real mountainside. Electric lights at both arches reflect through the windows of the houses, giving a very realistic effect. For use with the largest Lionel trains. 35¾ inches long, 23 inches wide, 23½ inches high. Tunnel openings measure 8¼ inches high, 8¼ inches wide. **Price, $17.50**

No. 130L Illuminated Tunnel—Similar to above but for "O" Gauge track. 24 inches long, 18½ inches wide, 14½ inches high. Tunnel openings 5 inches wide by 6½ inches high. **Price, $12.50**

No. 916 "O" Gauge Curved Tunnel—A most beautiful effect created out of strong felt composition reinforced by a wooden base. Tall oaks and stately cedars enrich the grass covered valley. Little houses with their bright roofs nestle on the hillside. A summer sun seems to have been transfixed to the landscape. You will have joyful moments watching your Lionel Train playing "hide and seek" as it runs through this tunnel. 37 inches long, 30½ inches wide, 13½ inches high. Tunnel openings measure 4¾ inches wide, 5½ inches high. **Price, $5.00**

No. 120L Illuminated Tunnel—Constructed of sheet steel and permanently enameled in highly decorative colors. Bungalow and bridge stamped of steel and inserted. Footpaths, bridge and waterfalls are hand painted and add realistic effect. Interior illumination. For use with the large size "Lionel Standard" trains. 17 inches long, 12 inches wide, 9⅝ inches high. Tunnel openings measure 8⅛ inches high, 6½ inches wide. **Price, $6.50**

No. 119L Illuminated Tunnel—Constructed of sheet steel and permanently enameled in highly decorative colors. Interior illumination. For use with all "O" Gauge trains and medium size "Lionel Standard" trains. 12 inches long, 9½ inches wide, 9¼ inches high. Tunnel openings measure 6½ inches high, 5 inches wide. **Price, $4.50**

No. 119 Tunnel—Same as No. 119L, but without interior illumination. **Price, $3.50**

No. 118 Tunnel—Constructed of sheet steel and enameled in beautiful colors by Lionel's permanent process. For use with small size "O" Gauge trains. 8 inches long, 7¼ inches wide, 7 inches high. Tunnel openings measure 5⅜ inches high, 4 inches wide. **Price, $2.25**

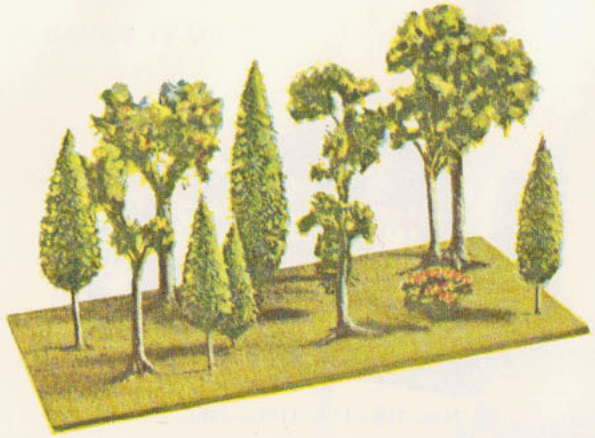
Nos. 118—119—119L—120L

No. 915 Large Tunnel Mountain—Rising from a wooded valley is this rugged and stately mountain. Along its sides, cheerful little homes nestle comfortably. The color of the great outdoors has been faithfully reproduced in this miniature creation. The imitation grass completes the naturalistic effect. Through the tunnel openings you can lay your track and then watch your train disappear in the heart of the mountain. Solidly constructed of moulded felt and reinforced by a wooden base. Just the thing to lend a romantic atmosphere to your railroad.

65 inches long, 28½ inches wide, 23½ inches high. Tunnel openings measure 6¼ inches wide, 7¾ inches high. **Price, $15.00**

1975 Reproduction, Greenberg Publishing Co.

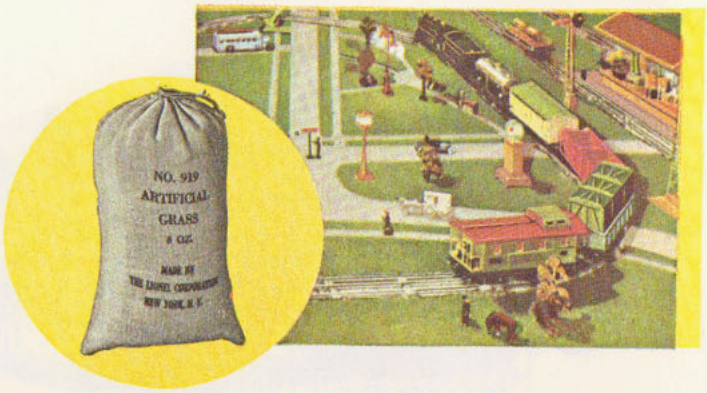
IT'S EASY TO CREATE LANDSCAPES AND COUNTRY SCENES



No. 910 Grove of Trees—So natural are these trees that when photographed they are difficult to distinguish from real ones, as the picture illustrates. Produced by a special secret Lionel process. The wooden base is covered with imitation grass. By placing several of these groves together or by grouping them with the others on this page, you can create marvelous effects around your railroad. 16 inches long, 8 inches deep.
Price, $1.50

No. 914 Park Landscape—A beautiful centerpiece which can be used in conjunction with other scenic parks shown on this page. Consists of two grass plots with Cedars and flowering bushes. In the center is a garden vase with flowering foliage. Base represents a concrete walk. 16 inches long, 8 inches deep.
Price, $1.50

No. 922 Illuminated Lamp Terrace—Just like those seen in the center of boulevards and parks. Flowering shrubs and green grass surround the No. 56 lamp post, which is 7¾ inches high. This will add realism to your railroad. 13 inches long, 3¾ inches deep.
Price, $2.50



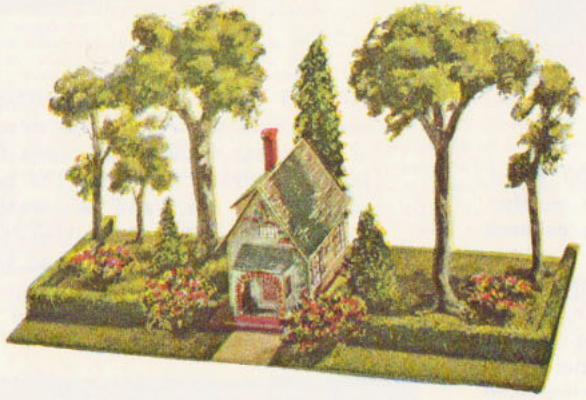
No. 919 Lionel Park Grass—A most practical and ingenious addition to the Lionel line, by means of which you can create beautiful effects around your railroad. It can be spread along the track or used to bank the Villas and Parks on this page. For permanent effects, cover the ground with shellac or glue and pour the grass over it. When dry, shake off or blow away the excess. Illustration suggests how it can be used. 8 oz. to a bag.
Price, $.25

No. 911 Illuminated Country Estate—Composed of the all steel Villa No. 191 with removable roof permitting access to bulb and wire connections, naturalistic shrubbery, hedges and trees. The wooden base is covered with imitation soft green grass. 16 inches long, 8 inches deep. **Price, $3.75**

No. 191 Illuminated Villa—Same as in No. 911 but without landscape. **Price, $2.50**

No. 913 Illuminated Landscaped Bungalow—A beautiful country bungalow in the midst of a green lawn. Hedges and flowering bushes surround it. Shade trees along the side add a natural setting. Bungalow is made of steel with a removable roof permitting access to bulb and wire connections. 16 inches long, 8 inches deep. **Price, $2.50**

No. 184 Illuminated Bungalow—Same as in No. 913 but without landscape. **Price, $1.25**



No. 912 Illuminated Suburban Home—A real home-like effect is produced by the No. 189 all steel illuminated Villa with removable roof permitting access to bulb and wire connections. It is surrounded by hedges and flowering shrubbery. Cypress trees and oaks stand majestically on a grass plot. Base is constructed of wood. 16 inches long, 8 inches deep. **Price, $3.25**

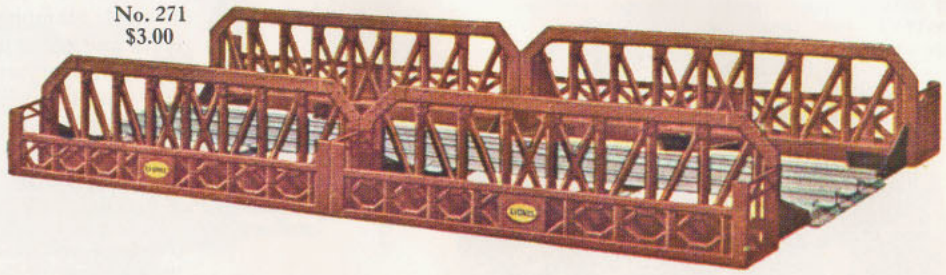
No. 189 Illuminated Villa—Same as in No. 912 but without landscape. **Price, $2.00**

THRILLS GALORE—WATCHING TRAINS GO OVER BRIDGES

Lionel's Famous "Hell Gate Bridge' for "O" Gauge and "Lionel Standard"

No. 300 Hell Gate Bridge—This is the most realistic bridge that has ever been produced for model railroads. An exact replica of the famous bridge that spans the East River in New York. Constructed entirely of sheet steel and enameled in beautiful colors through Lionel's permanent process. The train passes through the bridge at its own level without the necessity of grade approaches. This bridge is an excellent addition to any railroad. 28¾ inches long, 11 inches high, 10⅞ inches wide.
Price, $16.50

No. 271
$3.00



No. 270 Single Span for "O" Gauge—Complete with one section of track. 10¼ inches long. **Price, $1.50**

No. 271 Two-Span for "O" Gauge—Complete with two sections of track. 20½ inches long. **Price, $3.00**

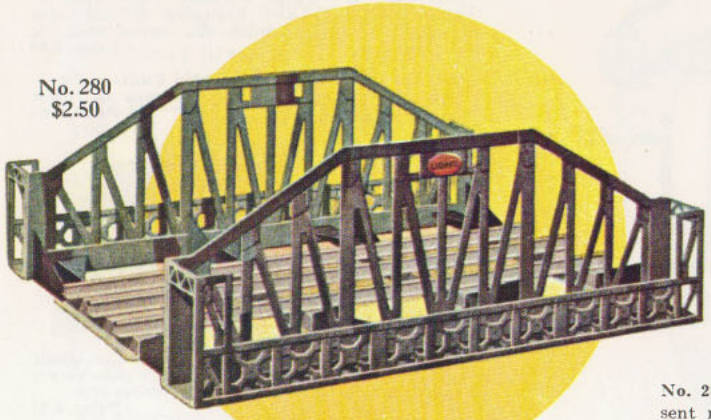
No. 272 Three-Span for "O" Gauge—Complete with three sections of track. 30¾ inches long. **Price, $4.50**

No. 282
$7.50

No. 282 Three-Span for "Lionel Standard"—Consists of 3 sections of No. 280 Single Span described below. Complete with 3 sections of track. 42 inches long.
Price, $7.50

No. 281 Two-Span for "Lionel Standard"—Consists of 2 sections of No. 280 Single Span described below. Complete with 2 sections of track. 28 inches long.
Price, $5.00

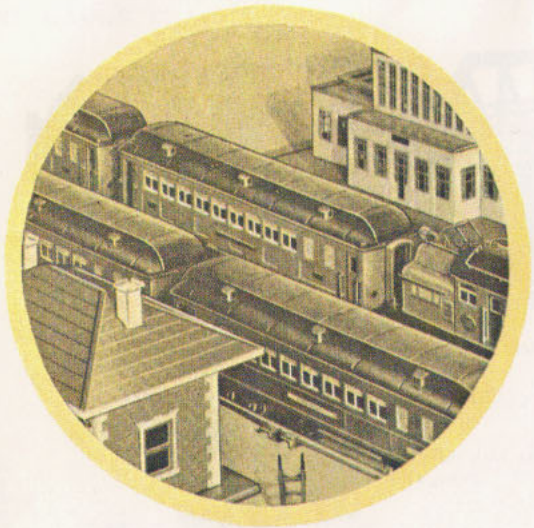
No. 280
$2.50



No. 280 Single Span for "Lionel Standard"—Built of steel to represent modern heavy girder construction. Footpaths and portals on each side. Handsomely enameled through Lionel's permanent process. Complete with one section of track. 14 inches.
Price, $2.50

AMERICA'S foremost bridge builders supplied the designs for these Lionel all steel bridges. Carefully detailed with embossed rivets. Footpaths and portals add to their realism. Train passes through them at its own level without the necessity of grade approaches. Attractively enameled through Lionel's patented permanent process. Every boy will be proud to own any one of these bridges. And just think of the fun!

ADDITIONAL PASSENGER CARS FOR YOUR "O" GAUGE TRAIN



ALL Lionel "O" Gauge Passenger Cars are made of steel stampings and beautifully embossed with rivets and other realistic details. Most of them, as described, have interior illumination. They are finished in a variety of attractive colors and enameled by Lionel's patented permanent process. They are equipped with automatic couplers. Wheels are constructed of heavy steel with nickeled rims.

All Passenger cars are illuminated with the exception of Nos. 529-530-629-630-603-604.

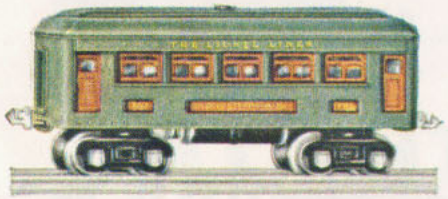
"O" Gauge cars Nos. 529-530-629-630 are for use with locomotives Nos. 248-252-259-262.

"O" Gauge cars Nos. 603-604-607-608 are for use with locomotives Nos. 252-253-259-262.

"O" Gauge cars Nos. 605 and 606 are for use with locomotives 254-254E-251-251E and No. 4.

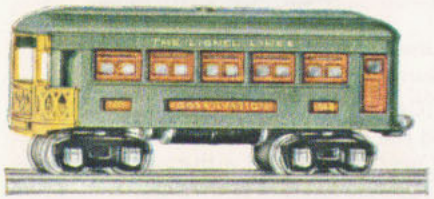
"O" Gauge cars Nos. 613-614 are for use with locomotives Nos. 253-262.

"O" Gauge cars Nos. 710-712 are for use with locomotives Nos. 251-251E-260E.



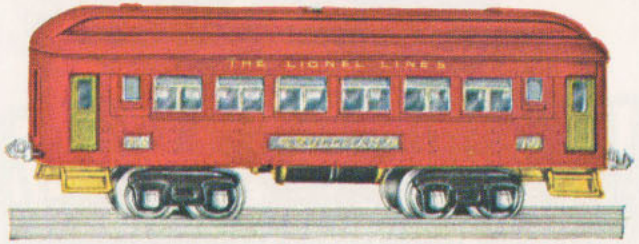
No. 607 "O" Gauge Illuminated Pullman Car—Has inset windows and constructed of heavy steel. Permanently enameled. 2 four wheel trucks. 7½ inches long, 3½ inches high.
Price, $1.65

No. 603 "O" Gauge Pullman Car—Similar to No. 607 but without interior illumination.
Price, $1.25



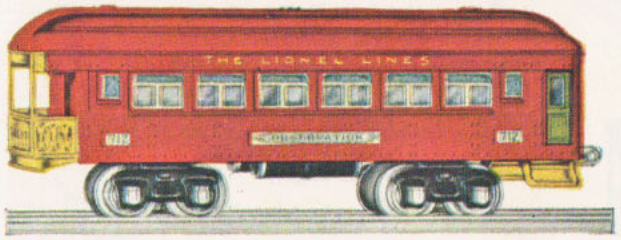
No. 608 "O" Gauge Illuminated Observation Car—Heavy steel construction. inset windows. Realistic brass observation platform. 2 four wheel trucks, 7½ inches long, 3½ inches high.
Price, $1.75

No. 604 "O" Gauge Observation Car—Similar to No. 608 but without interior illumination.
Price, $1.25



No. 710 "O" Gauge Illuminated Pullman Car—Heavy steel construction, inset windows, doors that actually swing open. Obtainable in red or orange. Transparent windows. Brass steps. 2 four wheel trucks. 11⅜ inches long, 4¼ inches high.
Price, $3.90

No. 605 "O" Gauge Illuminated Pullman Car—Similar to No. 710 but 10¼ inches long, 4 inches high.
Price, $3.50

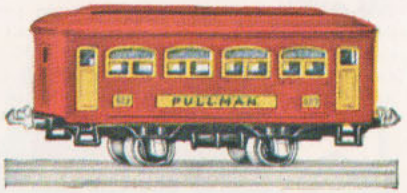


No. 712 "O" Gauge Illuminated Observation Car—Beautifully enameled by Lionel's permanent enameling process. Obtainable in red or orange. Doors swing open. Transparent windows. Embossed details. Brass platform. 2 four wheel trucks. 11⅜ inches long, 4¼ inches high.
Price, $4.00

No. 606 "O" Gauge Illuminated Observation Car—Similar to No. 712 but 10¼ inches long, 4 inches high.
Price, $3.75

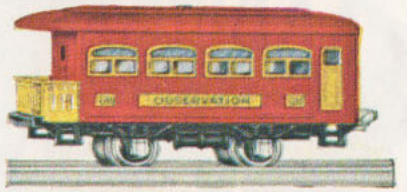
No. 613 "O" Gauge Illuminated Pullman Car—Has removable roof feature. Just press the nickel clips and the roof may be easily removed. Inset windows with transparencies and stained glass effect in transoms. Enameled in duo-tone colors. Brass steps. 2 four wheel trucks with copper journals. 10⅛ inches long, 3¾ inches high.
Price, $3.25

No. 614 "O" Gauge Illuminated Observation Car—Similar to No. 613 but with brass observation platform. 10⅛ inches long, 3¾ inches high.
Price, $3.50



No. 629 "O" Gauge Pullman Car—Made of steel stampings and enameled in red with Lionel's permanent finish. 6¾ inches long, 3¼ inches high.
Price, $.80

No. 529 "O" Gauge Illuminated Pullman Car—Same as No. 629 but enameled only in Green or Terra Cotta.
Price, $.80



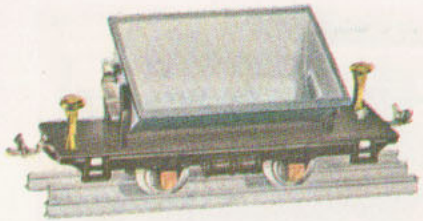
No. 630 "O" Gauge Observation Car—Built exactly like No. 629 but has brass observation platform. 6¾ inches long, 3¼ inches high.
Price, $.85

No. 530 "O" Gauge Observation Car—Same as No. 630 but enameled only in Green or Terra Cotta.
Price, $.85

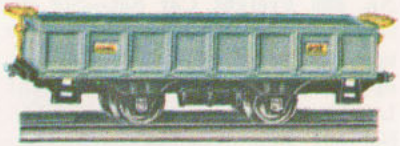
1975 Reproduction, Greenberg Publishing Co.

FOR A BIG 'ROAD ADD FREIGHT CARS TO YOUR EQUIPMENT

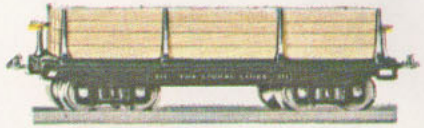
FOR "O" GAUGE TRACK



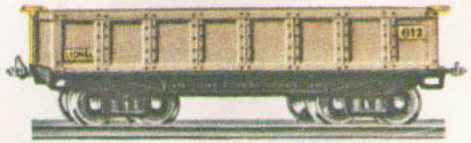
No. 809 "O" Gauge Dump Car—Has excellent play value. The hopper can be swung open on either side. Has brass brake wheels and copper journal boxes. 6¾ inches long. **Price, $1.25**



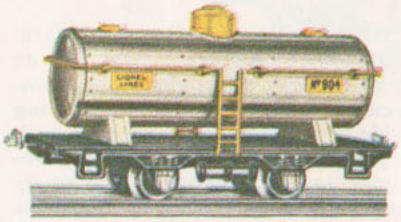
No. 902 "O" Gauge Gondola Car—With two barrels. Deeply embossed and permanently enameled through Lionel's permanent process. Brass brake wheels. Barrels can be opened and filled. 6¾ inches long, 2⅛ inches high. **Price, $.75**



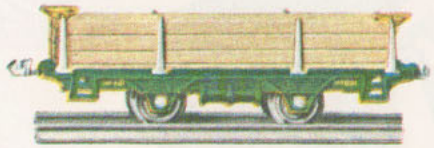
No. 811 "O" Gauge Flat Car—With load of real lumber. Has two four-wheel trucks, copper journals. Nickeled stakes keep lumber in place. Lumber can be removed. Brass brake wheel. 8⅞ inches long, 2½ inches high. **Price, $1.90**



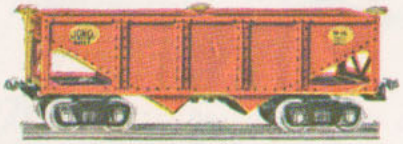
No. 812 "O" Gauge Gondola Car—With four barrels. Heavy gauge steel construction, deeply embossed. Brass hand brakes. Two four-wheel swivel trucks with copper journals. 8⅞ inches long, 2⅝ inches high. **Price, $2.00**



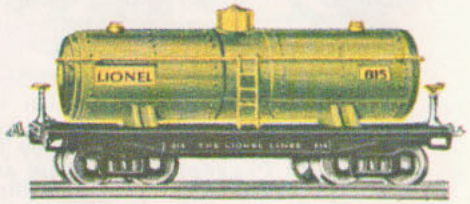
No. 804 "O" Gauge Oil Car—An exact replica of the cars used to haul the oil supply of the country. Bronzed in silver and trimmed in brass. 6¾ inches long, 3½ inches high. **Price, $1.00**



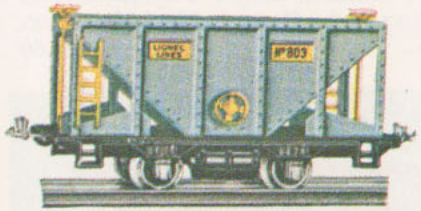
No. 831 "O" Gauge Flat Car—With load of real lumber. Nickeled stakes hold lumber in place. Lumber can be removed. Brass brake wheels. 6¾ inches long, 2⅛ inches high. **Price, $.70**



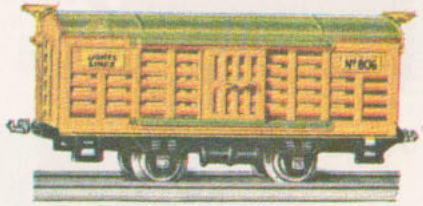
No. 816 "O" Gauge Coal Car—Accurately embossed even to the smallest rivets. Has hopper bottom operated by wheel in the center. Four-wheel swivel trucks, brass brake wheels. 8⅞ inches long, 3¼ inches high. **Price, $2.65**



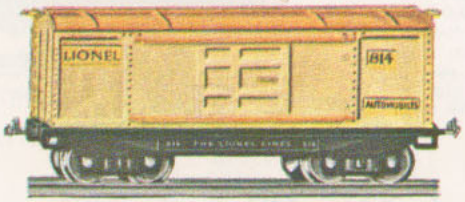
No. 815 "O" Gauge Oil Car—Enameled through Lionel's permanent process. Heavily embossed and artistically detailed. Brass trimmings. Two four-wheel swivel trucks. 8⅞ inches long, 3¾ inches high. **Price, $2.25**



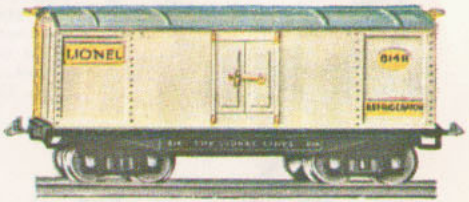
No. 803 "O" Gauge Coal Car—Realistically embossed. Has hopper bottom operated by wheel. Brass ladder and brake wheels. 6¾ inches long, 3¼ inches high. **Price, $1.00**



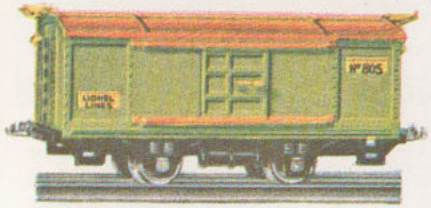
No. 806 "O" Gauge Cattle Car—Slatted like the real ones. Has sliding doors giving easy access to interior. Brass ladder and brake wheels. 6¾ inches long, 3¼ inches high. **Price, $1.10**



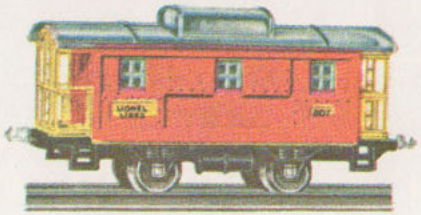
No. 814 "O" Gauge Box Car—Handsomely enameled in contrasting colors. Rivets finely embossed. Doors slide open and car can be filled. 8⅞ inches long, 3¾ inches high. **Price, $2.25**



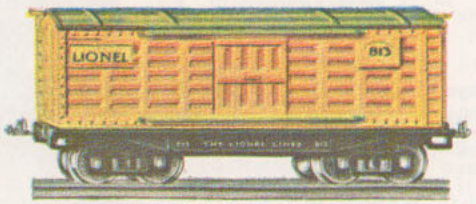
No. 814R "O" Gauge Refrigerator Car—All steel construction and handsomely enameled. Has double swinging doors. 8⅞ inches long, 3¾ inches high. **Price, $2.25**



No. 805 "O" Gauge Box Car—Deeply embossed. Door slides open and car can be filled. 6¾ inches long, 3¼ inches high. **Price, $1.00**



No. 807 "O" Gauge Caboose—A typical railroad accessory. Has front and rear brass platform and ladder to roof. 6¾ inches long, 3½ inches high. **Price, $1.10**



No. 813 "O" Gauge Cattle Car—Slatted sides and enameled in contrasting colors. Doors slide open, permitting loading of car. Two four-wheel swivel trucks. 8⅞ inches long, 3¾ inches high. **Price, $2.25**

No. 817 "O" Gauge Caboose—Heavily embossed and enameled in harmonizing colors. Has front and rear brass platform and ladder to roof. 8⅞ inches long, 4 inches high. **Price, $2.65**

Above single truck cars may be used with Locomotives Nos. 248, 252, 259, 262.

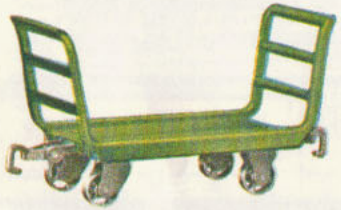
Above double truck cars may be used with Locomotives Nos. 4, 253, 254, 254E, 251, 251E, 262, 260E.

1975 Reproduction, Greenberg Publishing Co.

LOADS OF FUN WITH THIS MODERN FREIGHT EQUIPMENT

No. 163—An excellent companion set to any freight station. Consists of two No. 157 Hand Trucks, one No. 162 Dump Truck, one No. 161 Baggage Truck. These are exact reproductions of freight equipment seen at all railroad depots.

Price, $3.00



No. 161 Baggage Truck—Can be loaded with baggage and barrels. Will give a realistic atmosphere to freight sheds or stations. 4½ inches long, 2 inches wide, 2⅝ inches high.

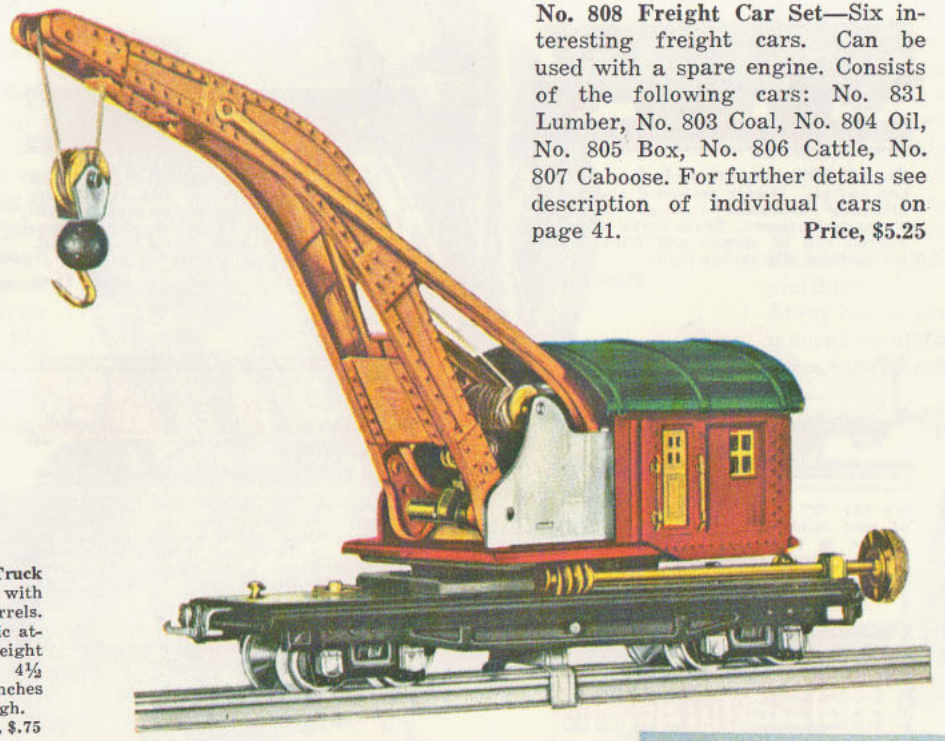
Price, $.75

No. 157 Hand Truck—Made of steel and enameled with Lionel's permanent finish. 3¼ inches long, 1⅝ inches wide.

Price, $.50

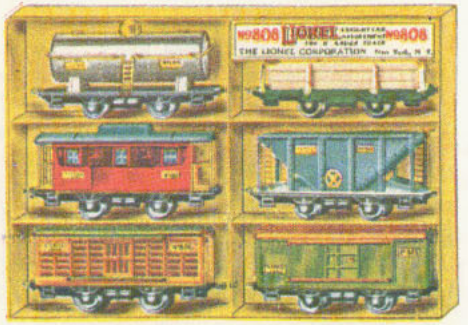
No. 162 Operating Dump Truck—Can be tilted on either side for dumping contents. Like its companion pieces, it is indispensable in freight stations. 4¼ inches long, 2¾ inches wide, 2½ inches high.

Price, $1.25



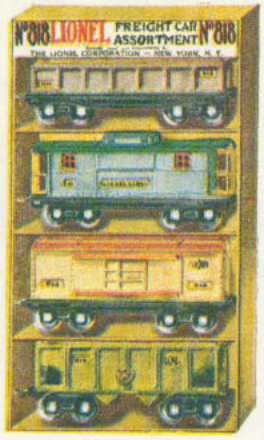
No. 808 Freight Car Set—Six interesting freight cars. Can be used with a spare engine. Consists of the following cars: No. 831 Lumber, No. 803 Coal, No. 804 Oil, No. 805 Box, No. 806 Cattle, No. 807 Caboose. For further details see description of individual cars on page 41.

Price, $5.25



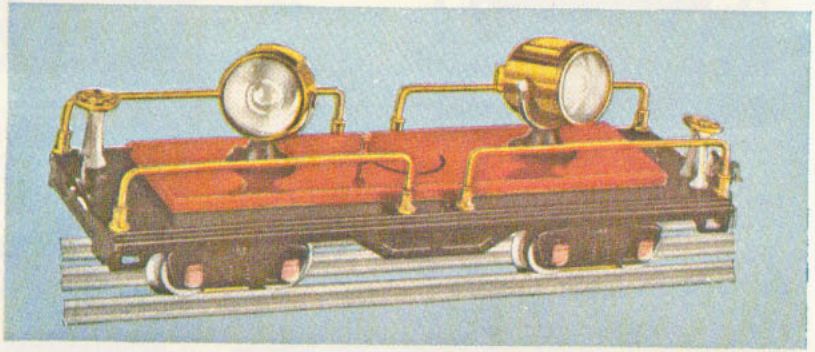
No. 810 "O" Gauge Derrick Car—A faithful reproduction of the derrick cars in use on all the big railroads throughout the country. You can raise or lower the boom, swing it from side to side and hoist weights with the pulley and tackle. The gears are accurately machine cut and operate so easily that heavy weights can be lifted without noticeable effort. A clamping device is hidden under the frame and prevents tipping when heavy weights are lifted. Sturdily constructed and beautifully enameled in bright, permanent colors. 9¼ inches long, 4½ inches high. Boom is 9¼ inches long.

Price, $7.50



No. 818 Freight Car Set—If you have a passenger outfit, by use of this set you can make up a freight train. Consists of the following double-truck cars: No. 812 Gondola, No. 814 Box, No. 816 Coal, No. 817 Caboose. For further details see description of individual cars on page 41.

Price, $9.00



No. 820 "O" Gauge Floodlight Car—A wonderful accessory. Full of play value. Two powerful floodlights with revolving reflectors which can be adjusted to any angle. Equipped with genuine crystal lenses and two No. 27 lamps. Reflectors, stanchions and hand rails are made of highly polished brass. A universal switch illuminates each lamp separately or both at one time. Same switch can be used to cut off lights. 8⅞ inches long, 3¾ inches high.

Price, $4.00

ELEGANT "LIONEL STANDARD" PULLMAN AND OBSERVATION CARS

ALL Lionel Passenger Cars are made of heavy steel and are beautifully embossed even to the finest details. They are finished in a variety of attractive colors and enameled by Lionel's patented permanent process. Most of the numbers here illustrated have the patented hinged or removable roof feature. Interiors are luxuriously furnished.

"Lionel Standard" cars Nos. 332, 337, 338 are for use with locomotives Nos. 8, 8E, 384, 384E.

"Lionel Standard" cars Nos. 309, 310, 312 may be used with locomotives Nos. 384, 384E, 318, 318E, 392E.

"Lionel Standard" cars Nos. 424, 426 may be used with locomotives Nos. 9E, 392E.

"Lionel Standard" cars Nos. 420, 421, 422 may be used with locomotives Nos. 392E, 400E.

"Lionel Standard" cars Nos. 412, 413, 414, 416 may be used with locomotives Nos. 381E, 400E, 408E.

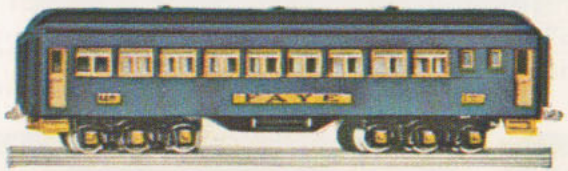
"Lionel Standard" cars Nos. 418, 419, 431, 490 may be used with locomotives Nos. 400E. 408E.

No. 490 "Lionel Standard" Illuminated Observation Car—Made of steel. Doors actually open. Realistic brass steps. Inset transparent windows and stained glass transoms. Brilliantly enameled. Six-wheel trucks with copper journals. 17⅝ inches long, 6⅛ inches high. **Price, $10.00**

No. 431 "Lionel Standard" Illuminated Dining Car—Same as No. 490, but 18¼ inches long, 6⅛ inches high. **Price, $10.50**

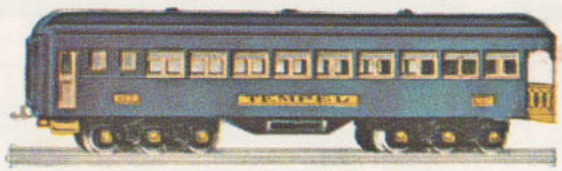
No. 418 "Lionel Standard" Illuminated Pullman Car—18¼ inches long, 6⅛ inches high. **Price, $9.00**

No. 419 "Lionel Standard" Illuminated Pullman and Baggage Car—Has swinging doors and six-wheel trucks. **Price, $9.25**

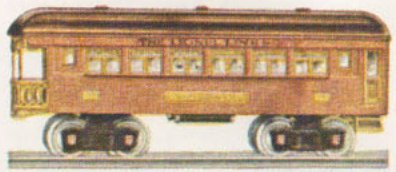


No. 420 "Lionel Standard" Illuminated Pullman Car—Made of heavy steel, handsomely enameled by Lionel's permanent process. Beautifully proportioned. Has six-wheel trucks, inset transparent windows, stained glass transoms. Doors swing open. Roof is removed by pressing nickel clips. Copper journal boxes. Brass steps. 18 inches long, 5 inches high. **Price, $12.00**

No. 421 "Lionel Standard" Illuminated Pullman Car—Same as No. 420, but lettered "Westphal." **Price, $12.00**



No. 422 "Lionel Standard" Illuminated Observation Car—Exactly like No. 420, but has brass illuminated platform. Tail lights and transparent nameplate glow brightly. 18 inches long, 5 inches high. **Price, $12.50**

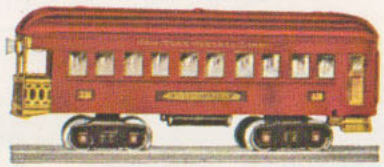


No. 312 "Lionel Standard" Illuminated Observation Car—Handsomely enameled in duo-tone. Has brass platform, four-wheel trucks and copper journal boxes. 13¼ inches long, 5¼ inches high. **Price, $5.50**

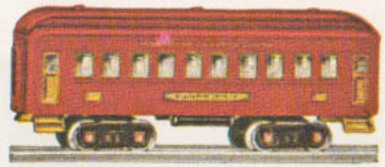
No. 309 "Lionel Standard" Illuminated Pullman Car—Swinging doors, transparent inset windows, stained glass transoms. 13¼ inches long, 5¼ inches high. **Price, $4.75**

No. 310 "Lionel Standard" Illuminated Mail and Baggage Car—Doors slide open and permit loading of car. 13¼ inches long, 5¼ inches high. **Price, $4.75**

No. 332 "Lionel Standard" Illuminated Mail and Baggage Car—Finished in blue or red. 12 inches long, 4¾ inches high. **Price, $4.25**



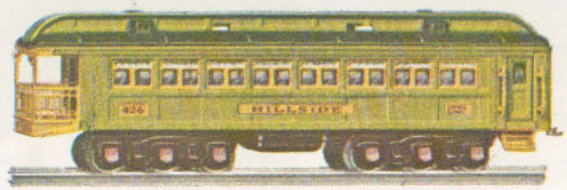
No. 338 "Lionel Standard" Illuminated Observation Car—Illuminated platform, copper journal boxes. 12 inches long, 4¾ inches high. **Price, $4.50**



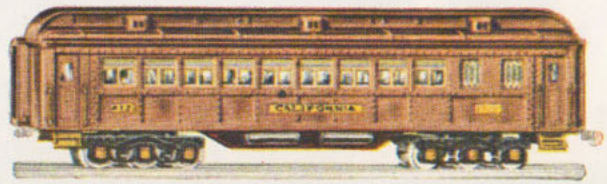
No. 337 "Lionel Standard" Illuminated Pullman Car—Beautifully enameled. 12 inches long, 4¾ inches high. **Price, $3.75**

No. 424 "Lionel Standard" Pullman Car—Sturdily constructed of steel. Has roof which can be removed by pressing nickeled steel clips. Inset transparent windows and stained glass transoms. Doors swing open. Brass hand rails and steps. Six-wheel trucks with copper journal boxes. 16 inches long, 5½ inches high. **Price, $9.50**

No. 425 "Lionel Standard" Pullman Car—Same as No. 424, but lettered "Stephen Gerard." 16 inches long, 5½ inches high. **Price, $9.50**



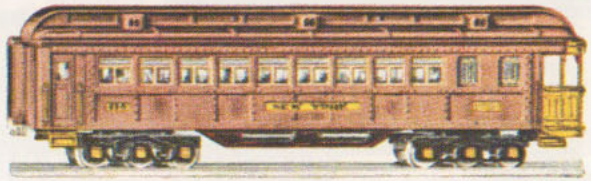
No. 426 "Lionel Standard" Observation Car—Similar to No. 424, but has brass platform and illuminated tail lights and nameplate. 16 inches long, 5½ inches high. **Price, $9.50**



No. 412 "Lionel Standard" Illuminated Pullman Car—Hinged roof, disclosing luxurious furnishings and revolving chairs. Lettered "California." For further details see page 12. 21½ inches long, 6⅝ inches high. **Price, $15.00**

No. 413 "Lionel Standard" Illuminated Pullman Car—Same as No. 412, but lettered "Colorado." **Price, $15.00**

No. 414 "Lionel Standard" Illuminated Pullman Car—Same as No. 413, but lettered "Illinois." **Price, $15.00**

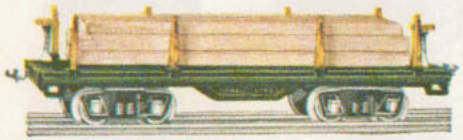


No. 416 "Lionel Standard" Illuminated Observation Car—Similar to Nos. 412, 413, 414, except that it has brass platform surmounted by a dome light which shines through tail lights and transparent nameplate. Lettered "New York." Has two interior lights. 21 inches long, 6⅝ inches high. **Price, $15.00**

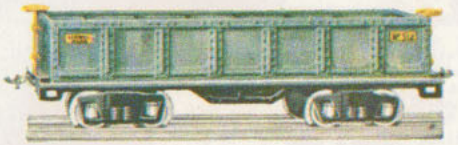
LOAD YOUR FREIGHT ON THESE FASCINATING CARS

THE peak of perfection in model railroad rolling stock. These freight cars are made of steel. The fittings, such as hand rails, brakes, and ladders are highly polished brass. Wheels, axles and automatic couplers are heavy nickeled steel. Journals are copper. It is great fun to convert your passenger train into a freighter. You can do so by getting extra cars. Here are some good ones to choose from:

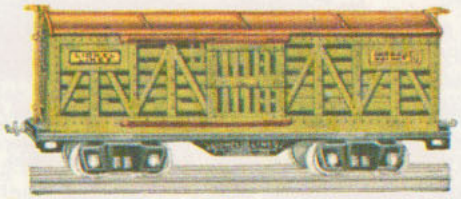
FOR "LIONEL STANDARD" TRACK



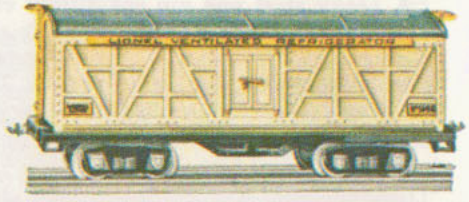
No. 511 Flat Car—With load of real lumber which can be loaded and unloaded. Brass stakes hold lumber in place. Brass hand brakes. Copper journal boxes. 11½ inches long, 3¼ inches high.
Price, $2.35



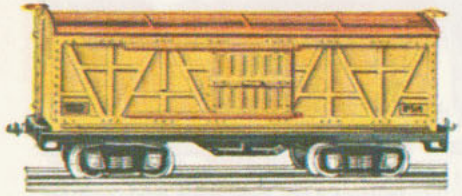
No. 512 Gondola Car—Colorfully enameled by Lionel's permanent process. Solidly constructed of sheet steel. Brass hand brakes and nameplates. Complete with eight barrels. 11½ inches long, 3⅜ inches high.
Price, $2.60



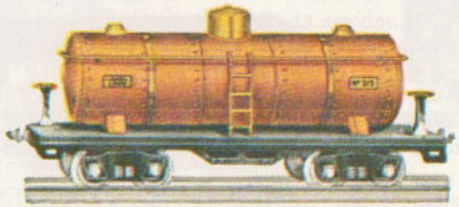
No. 513 Cattle Car—Slatted like the real ones. Sliding doors permit you to load it with freight. Brass hand brakes and nameplates. Colorfully enameled in duo-tone. 11½ inches long, 4¾ inches high.
Price, $3.10



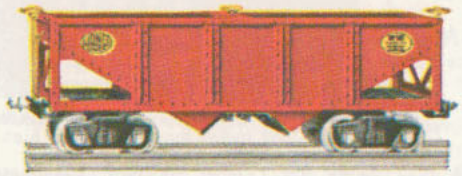
No. 514R Refrigerator Car—Just like the cars used on all big railroads to transport vegetables and fruits. Swinging doors with brass locks. 11½ inches long, 4¾ inches high.
Price, $3.10



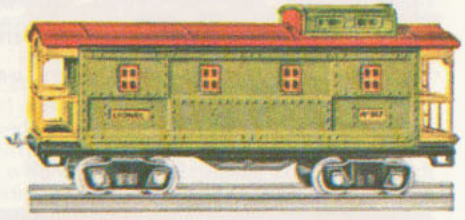
No. 514 Box Car—Sliding doors. Deeply embossed sides. Brass hand brakes and nameplates. 11½ inches long, 4¾ inches high.
Price, $3.10



No. 515 Oil Car—Duplicate of the cars used to transport crude oil over the railroads. 11½ inches long, 5⅛ inches high.
Price, $3.10

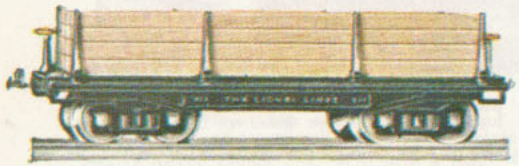


No. 516 Coal Car—Operating hopper bottoms for removal of contents of car. 11½ inches long, 4⅛ inches high.
Price, $3.50

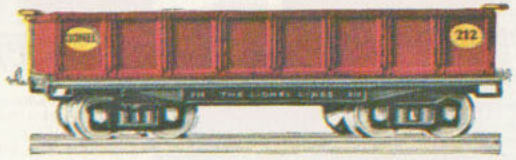


No. 517 Illuminated Caboose—Complete with rear platform lamp. Inset windows, brass decorated platforms. 11½ inches long, 5⅜ inches high.
Price, $3.50

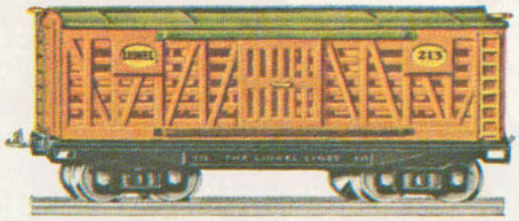
Freight Cars Nos. 211 to 217 are for use with locomotives 408E and 400E
Nos. 511 to 517 are for use with locomotives Nos. 8, 8E, 9E, 318E, 384, 384E, 392E



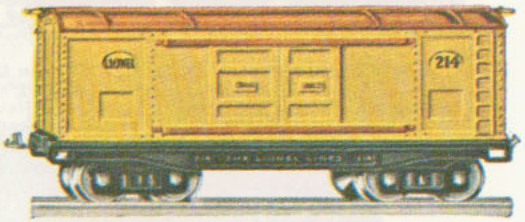
No. 211 Flat Car—With load of lumber, which can be removed. Nickeled stakes hold lumber in place. 12½ inches long. 4⅛ inches high.
Price, $3.50



No. 212 Gondola Car—Brass number plates. Deeply embossed sides. Complete with eight barrels. 12½ inches long, 3¾ inches high.
Price, $3.75

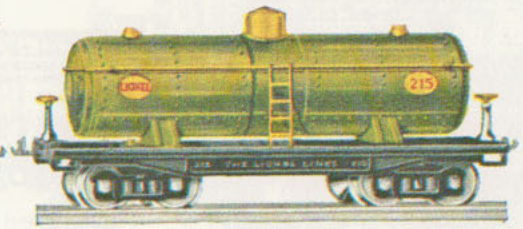


No. 213 Cattle Car—Sliding doors. Real slatted sides. 12½ inches long, 5½ inches high.
Price, $4.75

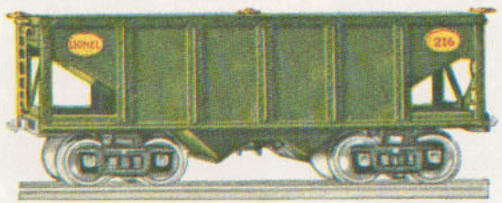


No. 214 Box Car—Four sliding doors. Brass ladder and number plates. 12½ inches long. 5½ inches high.
Price, $4.75

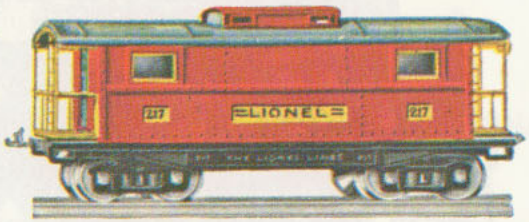
No. 214R Refrigerator Car—Double swinging doors with brass lock. 12½ inches long, 5½ inches high.
Price, $4.75



No. 215 Oil Car—Richly enameled and decorated in brass and nickel. 12½ inches long, 5½ inches high.
Price, $4.75



No. 216 Coal Car—Hopper bottoms can be operated by wheel in center of car for dumping contents. 12½ inches long, 5 inches high.
Price, $4.75



No. 217 Illuminated Caboose—Has two brass platforms with rear illumination. Colorfully enameled. 12½ inches long, 5½ inches high.
Price, $5.50

1975 Reproduction, Greenberg Publishing Co.

NECESSARY EQUIPMENT FOR YOUR FREIGHT TERMINALS

FOR "LIONEL STANDARD" TRACK

No. 219 "Lionel Standard" Derrick Car—An accessory that has won the admiration of every boy. Operates exactly like a real derrick. The boom may be raised or lowered. The entire cab may be swung around in a complete circle and tackle may be operated separately. All mechanical movements are controlled by wheels and worm gears. Self-locking. It can be operated from any position. A clamping device hidden under the frame can be fastened to the track so that car does not tip when heavy weights are being raised or lowered. Car is 12½ inches long, 6¼ inches high. Boom is 16 inches long.

Price, $9.00

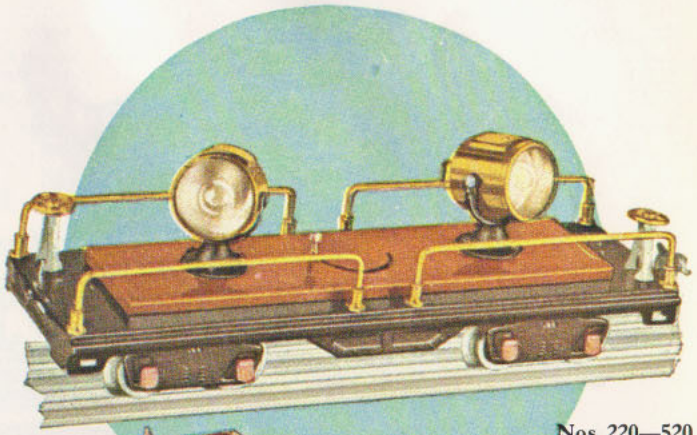
JUST think of the fun you can have by darkening the room and operating this Floodlight car to illuminate the roadway. Heavy brass reflectors fitted with real crystal lenses, are adjustable to any angle. A universal switch illuminates each lamp or both at one time, or cuts off lights. Every outfit should have a Floodlight car.

No. 520 "Lionel Standard"—11½ inches long, 4 inches high. Complete with 2 No. 28 lamps.

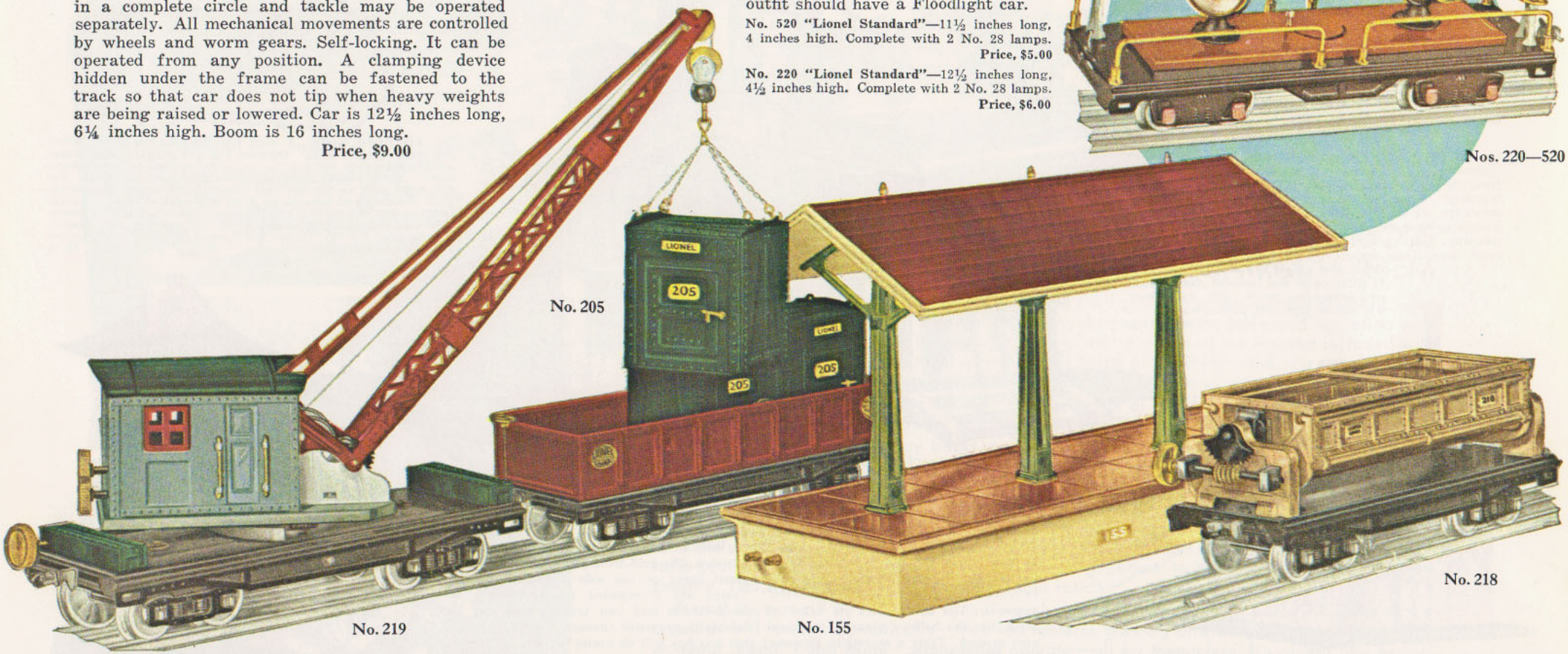
Price, $5.00

No. 220 "Lionel Standard"—12½ inches long, 4½ inches high. Complete with 2 No. 28 lamps.

Price, $6.00



Nos. 220—520



No. 205

No. 219

No. 155

No. 218

No. 205 Steel Merchandise Containers (manufactured under license granted by L. C. L. Corporation)—A realistic railroad accessory patterned after the real ones that are used throughout the country to transport special freight. They are made of heavy gauge sheet steel, heavily embossed and trimmed in brass. The doors are hinged and have a locking device. This set may be used with No. 512 and No. 212 Gondola Cars. 3¼ inches long, 3 inches wide, 4 inches high.

Price per set of three, $3.00

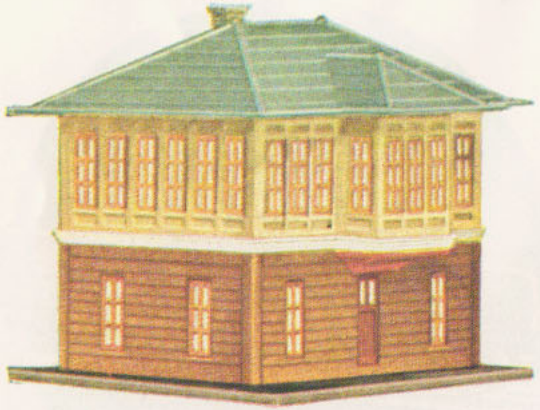
No. 155 Freight Shed—A beautifully designed all steel railroad accessory. Just the thing for completing a railroad freight siding, and to lend the right atmosphere to your freight train. The platform has ample space for accommodating Lionel Hand Trucks, Baggage Trucks and Dump Trucks described on page 42. It is colorfully enameled by Lionel's permanent process and is illuminated by two lamps under the roof. 18 inches long, 11 inches high, 8 inches wide.

Price, $7.50

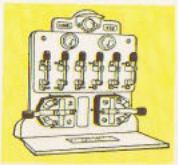
No. 218 "Lionel Standard' Operating Dump Car—A marvel of mechanical ingenuity. A true replica of the real dump cars used in the construction of railroads. Wheels and worm gears control the mechanism which automatically tilts the car and opens the sides for dumping. Entirely constructed of sheet steel and beautifully embossed. Finished by Lionel's permanent enameling process. Fill the car with sand or pebbles and then dump along the road. You have never had such fun. 12½ inches long, 4¾ inches high.

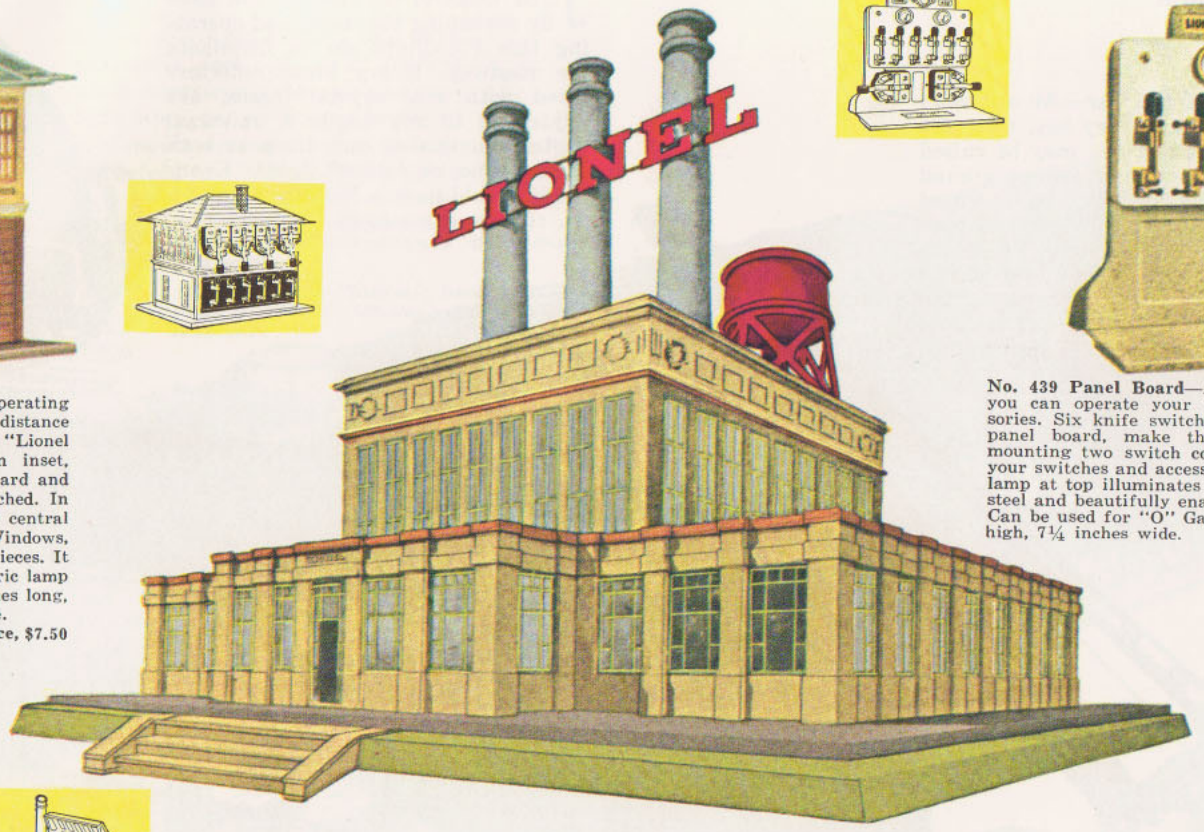
Price, $5.00

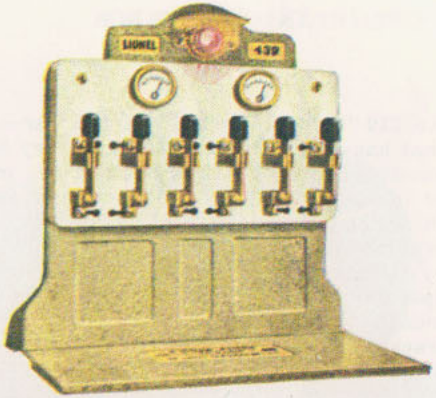
CENTRAL OPERATING STATIONS, TOWERS AND POWER HOUSES



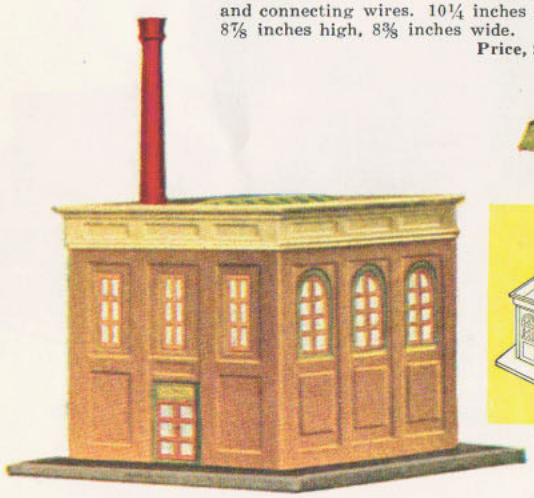
No. 437 Illuminated Switch Signal Tower—For operating "Distant Control" trains and accessories at any distance from the track. May be used with "O" Gauge or "Lionel Standard" equipment. Rear view, illustrated in inset, shows the six knife switches attached to panel board and illustrates how switch control levers can be attached. In this way, you can operate your railroad from one central point. Beautifully embossed with many details. Windows, doors and panels are separate pieces. It is illuminated and includes electric lamp and connecting wires. 10¼ inches long, 8⅞ inches high, 8⅜ inches wide.
Price, $7.50

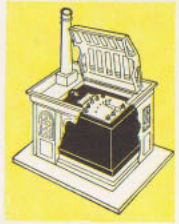






No. 439 Panel Board—A very practical accessory by which you can operate your "Distant Control" trains and accessories. Six knife switches mounted on a marble composition panel board, make this possible. Provision is made for mounting two switch controls, thus enabling you to operate your switches and accessories from one central point. Electric lamp at top illuminates small dummy meters. Made of heavy steel and beautifully enameled by Lionel's permanent process. Can be used for "O" Gauge or "Lionel Standard." 8¼ inches high, 7¼ inches wide.
Price, $3.75



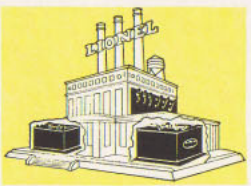


No. 436 Power Station—Can be used for either "O" Gauge or "Lionel Standard." As illustration shows, it will house any size transformer which can be operated through removable skylight. Base is hollow so that transformer can be set inside easily. Constructed of heavy gauge steel and beautifully enameled. 9¼ inches long, 7⅝ inches wide, 10½ inches to top of chimney.
Price, $3.00

No. 435 Power Station—Same as No. 436 but will house only Types A, B and F transformers. 7⅝ inches long, 6 inches wide, 9½ inches to top of chimney.
Price, $2.00

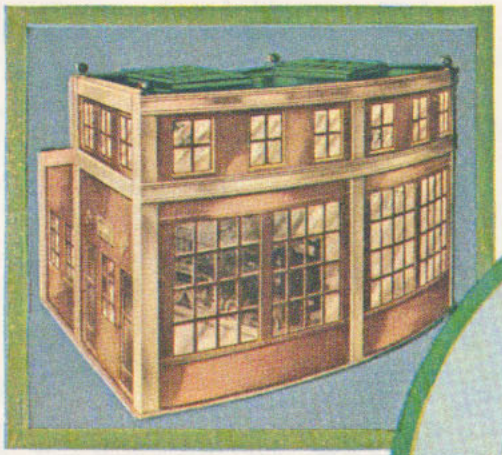
No. 840 Power Station—No other accessory will add as much atmosphere and romance to your Lionel "Distant Control" Railroad. It is an exact replica of the big power stations throughout the country. Constructed entirely of sheet steel and artistically embossed to imitate concrete. All windows are inset. Three stately smoke stacks and a water tank lend a touch of industrial atmosphere. It is built to accommodate one or two Lionel Transformers. The interior is beautifully illuminated. The grid roofs can be opened so that transformer switches can be operated. A panel board on one side contains six knife switches from which "Distant Control" Trains and illuminated accessories can be operated. The station can be lifted off the platform and two transformers can be fitted into the hollows planned for them. Colorfully enameled through Lionel's permanent process. Truly a marvelous accessory that any boy will be proud to own, 26 inches long, 21½ inches wide, 18 inches to top of smokestack.
Price, $17.50

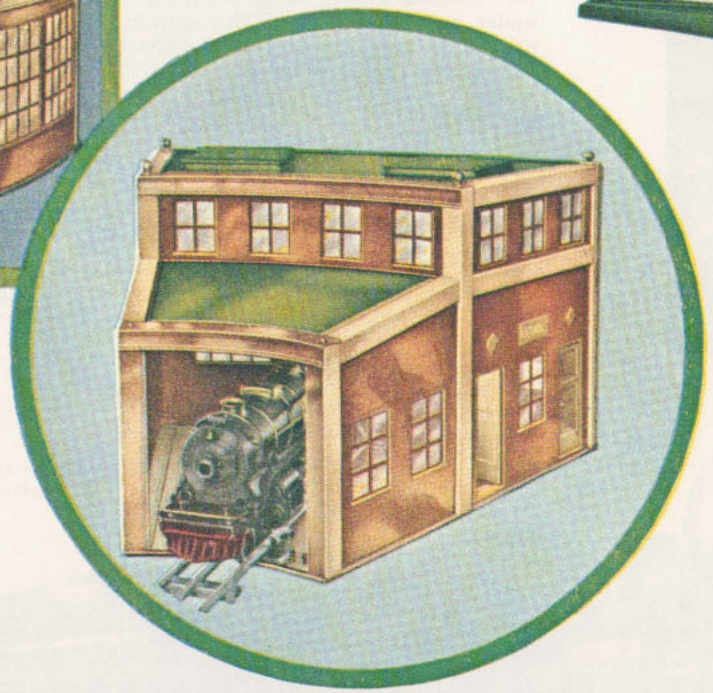
The illustration at right shows the provision made for accommodating one or two Lionel Transformers. The switches on the transformers can be reached through openings above them. Illustration also shows the Panel Board on one side of the Power House containing six knife switches, from which "Distant Control" trains and illuminated accessories can be operated.

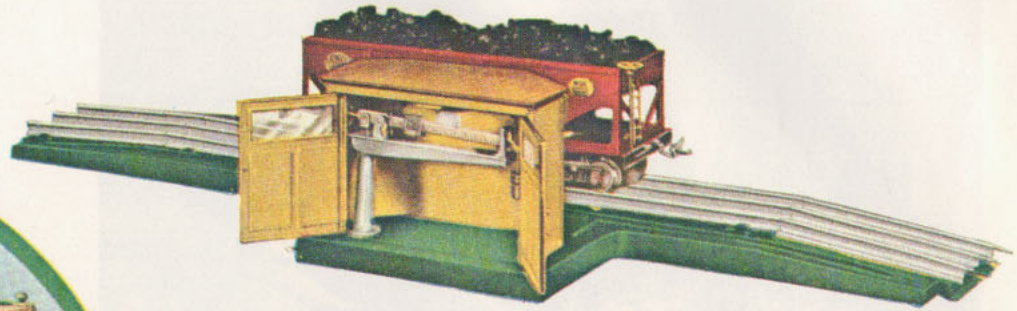


No. 438 Illuminated Signal Tower—Just like the ones you see on all big railroads. Equipped with two knife switches from which "Distant Control" Trains and Accessories can be operated. Roof is constructed of sheet steel and handsomely enameled. It is removable so that interior light can be reached. Supports are embossed to imitate steel girder construction and detailed with rivets. Base represents concrete. A brass ladder leads to the switches. Electric lamp and connecting wires included. 12 inches high. Base measures 6 inches by 4¾ inches.
Price, $5.00

WHAT EVERY BOY NEEDS • • A ROUNDHOUSE AND WEIGHING SCALE

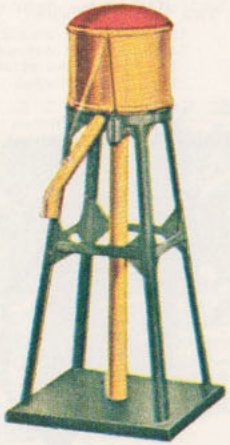






No. 441 "Lionel Standard" Weighing Scale—Oh Boy, what fun you can have with this ingenious railroad accessory. It has a real beam scale accurately calibrated so that you can weigh all of your rolling stock by running it on the specially constructed track platform. An assortment of various weights are enclosed in metal housing, which is illuminated. The doors swing open, permitting you to operate the weights. It is built entirely of heavy steel and beautifully enameled by Lionel's permanent process. Now you can know the exact weight of your freight. It's loads of fun! **Price, $10.00**

The Lionel 444 Roundhouse can be used in one or more sections, which you can add from time to time. 4 sections make a complete roundhouse and lend a real railroad appearance to your layout. When placed together, the inner walls can be easily removed to give the appearance of a complete roundhouse. By use of the No. 200 "Lionel Standard" Turntable you can lead all tracks to the roundhouse.



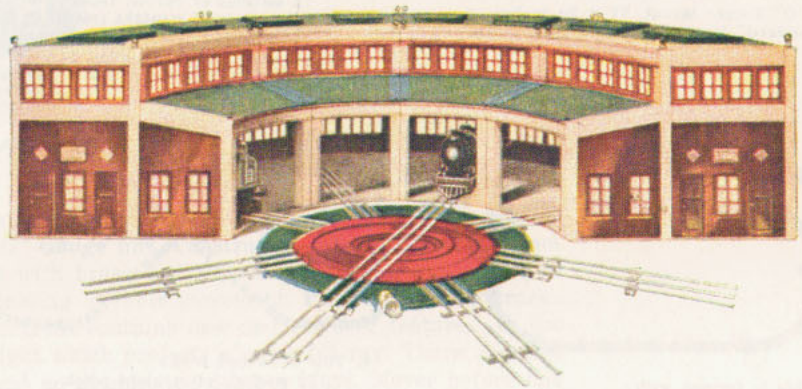
No. 93 Water Tower—Place it anywhere on your Lionel layout and it will lend a realistic touch. It's fun to run your locomotive under its spout and make believe you are replenishing the water supply. Made entirely of sheet steel and enameled in bright colors through Lionel's permanent process. 9 inches high. Base is 3 9/16 inches square.

Price, $.75

No. 444 Lionel Roundhouse—Every railroad has a roundhouse and every Lionel fan should have one for his railroad. This is one of the most important and practical accessories ever designed. Constructed of steel and heavily reinforced by girder effect. The interior is illuminated and equipped with bumper. You can house the largest Lionel locomotive by running a standard track to the bumper inside, as illustrated. By using a No. 020X "O" Gauge 45 degree crossing across the opening, you can house 2 "O" Gauge locomotives. 26 windows and 4 doors enhance the appearance and demonstrate Lionel's painstaking methods of construction. The doors actually swing open. Grilled skylights can be removed to permit lamp renewals. Finished in harmonious durable enamels.

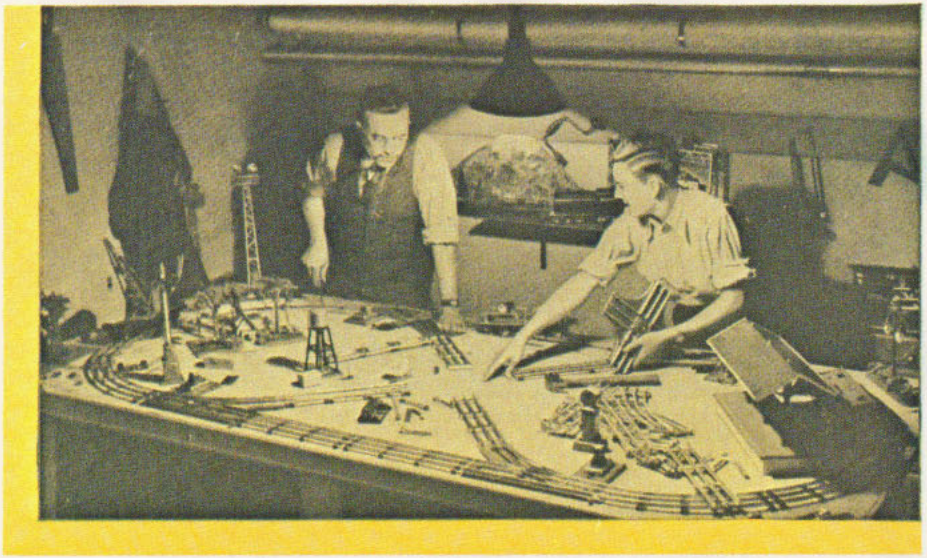
Back 24 inches wide — Front 8¾ inches wide
Opening 8 inches high — Overall height 14½ inches

Price, $12.50



No. 200 Turntable for "Lionel Standard"—Especially adaptable for use with No. 444 Roundhouse, as illustrated. Perfectly balanced so that the heaviest locomotives can be easily turned in any direction by means of the worm gear and hand wheel on the turntable. Heavily constructed of steel and artistically enameled. 17 inches in diameter. **Price, $5.00**

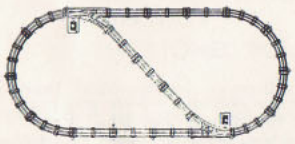
HERE ARE A FEW EXAMPLES TO HELP YOU PLAN YOUR LAYOUT



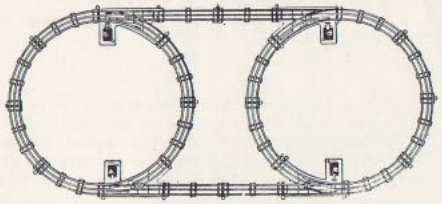
IT'S fun to build your own railroad and it's easy with Lionel accessories. But first, you must plan the track layout. This you can do by means of Lionel straight and curved track as well as switches and crossings. The more switches—the more fun.

On this page we have given you several simple, yet interesting suggestions to illustrate the principles involved in making a workable layout. They can be formed for "Standard" or "O" Gauge track. The amount of materials required is shown under each illustration. But perhaps you will want to invent your own system, depending upon the size of the space you have available as well as the amount of accessories that you have.

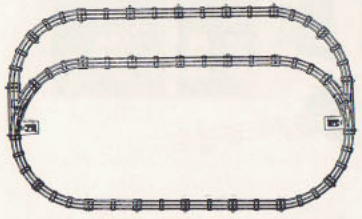
After your layout is made, you can create natural effects by means of the scenic parks, mountains and tunnels such as you will find on pages 36, 37, 38.



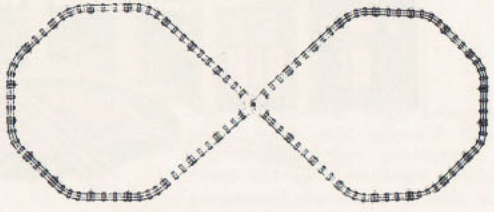
1. This is formed with:
8 sections of curved track
9 sections of straight track
1 pair of switches (right hand only)
"O" Gauge layout, 71 x 30 inches
"Standard" Gauge layout, 98 x 43 inches



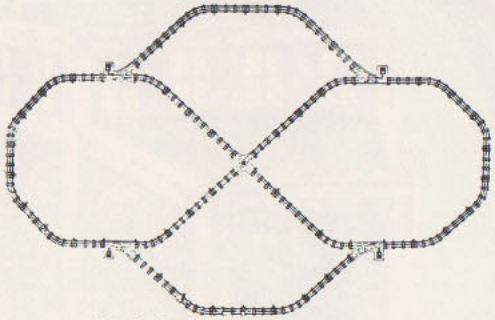
3. This is formed with:
12 sections of curved track
4 sections of straight track
2 pairs of switches
"O" Gauge layout, 71 x 30 inches
"Standard" Gauge layout, 98 x 42 inches



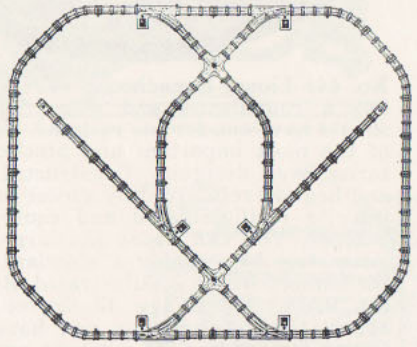
2. This is formed with:
10 sections of curved track
12 sections of straight track
1 pair of switches
"O" Gauge layout, 71 x 40 inches
"Standard" Gauge layout, 98 x 57 inches



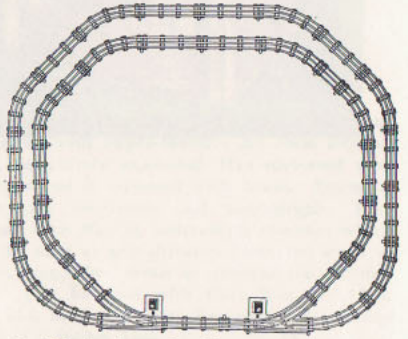
4. This is formed with:
22 sections of straight track
12 sections of curved track
1 90° crossing
"O" Gauge layout, 11 ft. 2 in. x 4 ft. 5 inches
"Standard" Gauge layout, 16 ft. x 6 ft. 8 inches



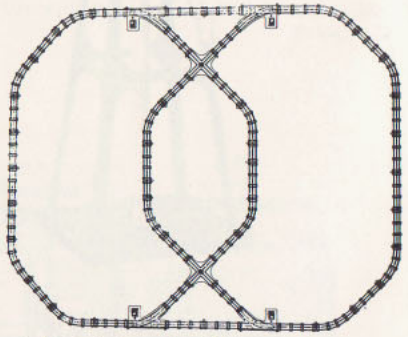
5. This is formed with:
34 sections of straight track
16 sections of curved track
1 90° crossing
2 pairs of switches
"O" Gauge layout, 12 ft. 9 in. x 8 ft. 5 inches
"Standard" Gauge layout, 18 ft. x 12 ft.



6. This is formed with:
36 sections of straight track
10 sections of curved track
2 half sections of straight track
3 pairs of switches
2 90° crossings
2 bumpers
"O" Gauge layout, 10 ft. x 6 ft. 10 in.
"Standard" Gauge layout, 12 ft. 4 in. x 10 ft. 2 inches



7. This is formed with:
15 sections of straight track
14 sections of curved track
3 half sections of straight track
1 pair of switches
"O" Gauge layout, 5 ft. 6 in. x 4 ft. 6 inches
"Standard" Gauge layout, 8 ft. x 6 ft. 10 inches



8. This is formed with:
30 sections of straight track
12 sections of curved track
2 half sections of straight track
2 pairs of switches
2 90° crossings
"O" Gauge layout, 10 ft. x 6 ft. 10 in.
"Standard" Gauge layout, 12 ft. 4 in. x 10 ft. 2 inches

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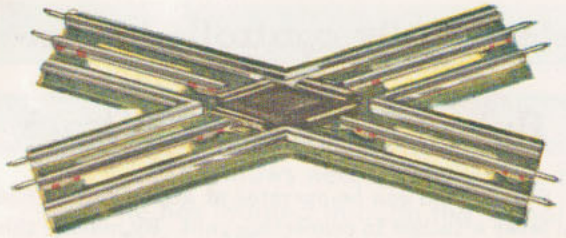
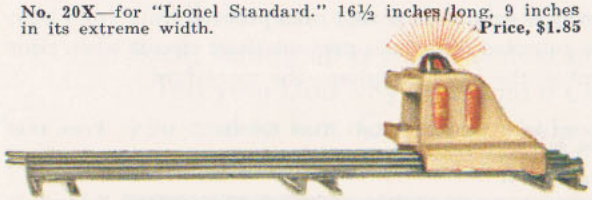
EXTRA TRACK AND CROSSINGS FOR AN INTERESTING ROAD



Lionel 45 Degree Crossing—By using 14 sections of either "O" Gauge or "Lionel Standard" curved track, you can make a figure "8" layout. It can also be used with straight and curved track to make a variety of interesting layouts. It is of steel construction throughout. The heavy fibre lock in center where rails cross, prevents cars from jumping track and avoids short circuit.

No. 020X—for "O" Gauge. 11½ inches long, 6 inches in its extreme width. **Price, $1.60**

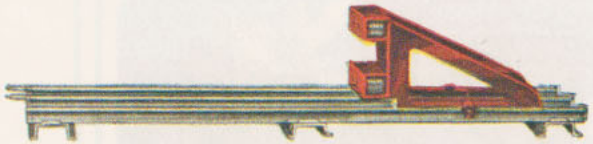
No. 20X—for "Lionel Standard." 16½ inches long, 9 inches in its extreme width. **Price, $1.85**



Illuminated Bumper—An important accessory in the formation of railroad sidings. Electrical contact is automatically made. It is die cast, handsomely enamelled and surmounted by red electric light which is protected by nickeled steel guard. Includes section of track.

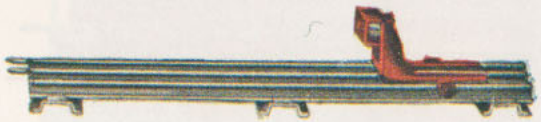
No. 025—for "O" Gauge. 10¼ inches long, 2⅞ inches high. **Price, $1.85**

No. 25—for "Lionel Standard." 14 inches long, 3¾ inches high. **Price, $2.35**



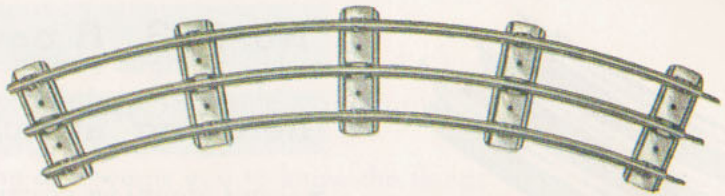
No. 23 "Lionel Standard" Bumper—An indispensable accessory for terminals or sidings. Fitted with plunger to absorb shocks when car strikes it. The frame is removable. 14 inches long, 3 inches high. Includes section of track.

Price, $1.30

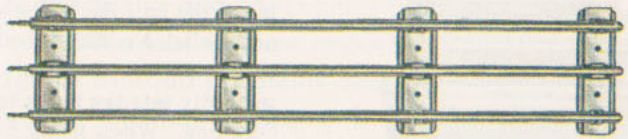


No. 023 "O" Gauge Bumper—Constructed of heavy steel and fitted with spring plunger to absorb shocks. The frame is removable. Includes section of track. 10¼ inches long. 2 inches high. **Price, $.85**

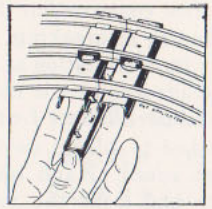
Fibre Pins for use on special sections of track. **Price, 5c each**
Steel Pins for all track. **Price, 10c a doz.**



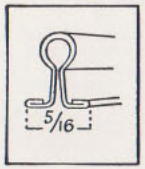
AVOID IMITATIONS. WHEN YOU BUY ADDITIONAL TRACK BE SURE THAT THE NAME "LIONEL" IS STAMPED ON IT



LIONEL track is made in two widths: "O" Gauge which is 1⅜ inches wide and "Lionel Standard" Gauge which is 2¼ inches wide. This explains the difference between "O" Gauge and "Lionel Standard" Gauge trains. Lionel track is constructed with great care. It is made of extremely heavy gauge metal and supported by sturdy cross ties.



The base of the rail is formed by doubling the flange as illustrated to the left. This is an exclusive Lionel Patent and further strengthens the track so that a full grown person can stand on it without bending it.



One end of each section of track has three steel pins which fit into the openings of adjoining sections. This makes a perfect connection yet makes it possible to remove sections easily. With each piece of track you get a connecting clip. By inserting this clip between adjoining sections as shown above, the tracks are locked firmly.

Each section of Lionel track is perfectly insulated and carefully tested. The radius of curved track is scientifically determined so that trains going at full speed will not derail.

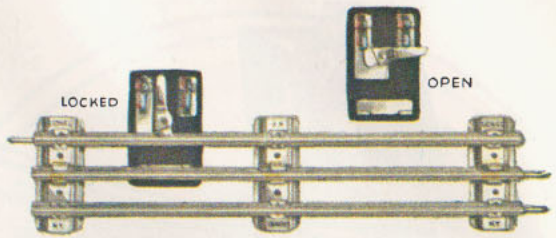
These facts prove the superiority of Lionel track. Insist on Lionel, the name is stamped on every piece.

Lionel "O" Gauge Track—1⅜ inches wide

OC curved—11 inches long. **Price, $.20**
OS straight—10¼ inches long. **Price, $.20**
½ OS—Half section of straight track—5 inches long. **Price, $.20**
OSS Special Insulated Track (Patent No. 1,636,416)—10¼ inches long. For use with electrically controlled accessories. Complete with "Lockon" and connecting wires. **Price, $.40**

"Lionel Standard" Track—2¼ inches wide.

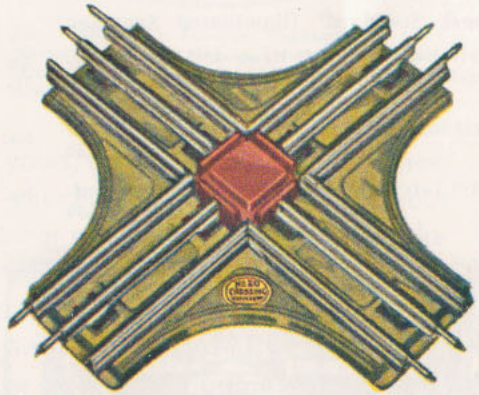
"C" curved—16 inches long. **Price, $.30**
"S" straight—14 inches long. **Price, $.30**
½ S—Half section of straight track—7 inches long. **Price, $.30**
SS Special Insulated Track (Patent No. 1,636,416)—14 inches long. For use with electrically controlled accessories. Complete with "Lockon" and connecting wires. **Price, $.60**



LIONEL "Lockon" connections are necessary to connect wires from transformer or rheostat to the track. They are also used to connect electric accessories which operate through track. Connections are made to the track by simply turning the lever at right angles, fitting it to center and outside rails and then locking it in place as shown in the illustration above. Electric connection is then as perfect as though the parts were riveted or soldered to the track.

Lionel "Lockon" connections are free from set screws and binding posts and simple to insert. The fingers that hold the wires are made of heavy tempered blue steel and are unbreakable. All other metal parts are nickel plated and mounted on a heavy fibre base.

OTC "Lockon" for "O" Gauge. **Price, $.20**
STC "Lockon" for "Lionel Standard." **Price, $.25**



Lionel 90 Degree Crossings—A necessary adjunct to the formation of railroad layouts. The cross rails are mounted on an ornamental steel base, beautifully enameled. A solid moulded fibre block placed in the center where the rails cross, prevents short circuits and permits locomotives and cars to ride over it without derailing. A large variety of figures can be formed when using these crossings in conjunction with switches and track.

No. 020 "O" Gauge Crossing—8¼ inches square. **Price, $1.10**

No. 20 "Lionel Standard" Crossing—11¾ inches square. **Price, $1.30**

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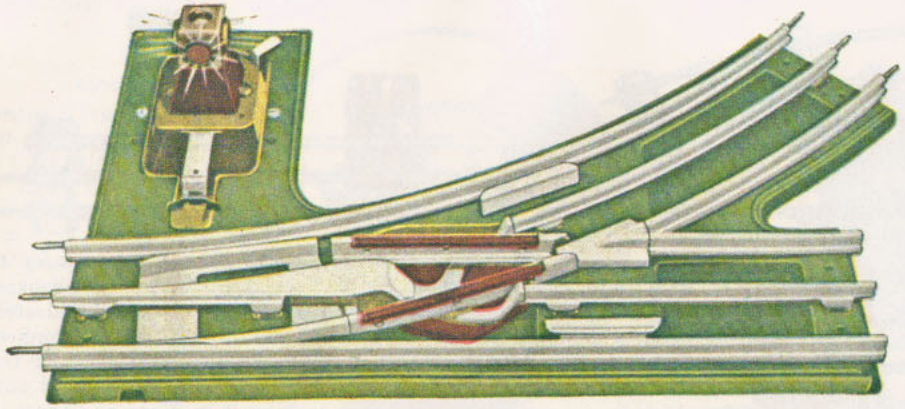
REMEMBER, THE MORE SWITCHES YOU HAVE, THE MORE FUN!



No. 210 and 021 Lionel Hand Operated Switch (Left)

LIONEL HAND OPERATED SWITCHES—All Lionel switches are radically different from others on the market. They are of heavy steel construction throughout and will bear the weight of the heaviest trains without bending or breaking. They are beautifully enameled by Lionel's permanent process. Heavy fibre insulation at the points where the rails cross eliminates all possibility of short circuits and avoids flickering of headlight as train passes over these points. This is an exclusive Lionel feature made under *Patents Re 16580 and 1671236.* Guard rails attached to Lionel switches prevent derailing even when the train is traveling at high speed. Hand lever which moves the rails, also set the signals, changes the lights and locks the mechanism.

"Lionel Standard" Illuminated Switches

No. 210 Right and Left Hand—15¼ inches long, 8⅝ inches wide. Includes electric lamps.
Price Per Pair, $6.50

No. 210 Right Hand Switch—Includes electric lamp.
Price, $3.50

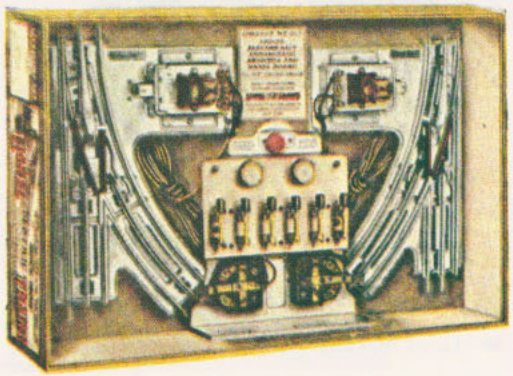
No. 210 Left Hand Switch—Includes electric lamp.
Price, $3.50

"O" Gauge Illuminated Switches

No. 021 Right and Left Hand—10½ inches long, 7¼ inches wide. Includes electric lamps.
Price Per Pair, $5.00

No. 021 Right Hand Switch—Includes electric lamp.
Price, $2.75

No. 021—Left Hand Switch—Includes electric lamp.
Price, $2.75



No. 225 "Lionel Standard" "Distant Control" Switch and Panel Board Set—An excellent adjunct to your model railroad. The more switches you have the more interesting layout you can make. Set is comprised of one pair of No. 222 "Distant Control" Switches (right and left hand) and one No. 439 Illuminated Panel Board. By means of the Panel Board, you can operate your "Distant Control" railroad from one central point at any distance from the track. Complete with lamps and connecting wires.

Price, $14.75

No. 223. A new electrically controlled "non-derailing" switch. Automatically clears track

LIONEL "DISTANT CONTROL" SWITCHES can be operated at any distance from the track by use of the control lever attached to connecting cord. By moving this lever, the position of the switch changes, as well as the red and green signal lights. The new switch No. 223 embodies the Lionel patented attachment which absolutely prevents the derailment of trains. Should a train approach an open switch, this automatic device instantly sets the track in a clear position so that the train can go on its way without derailing. When using two of these switches, should one be set open and the other against the train, the automatic device will correct the error. Mechanism is contained within the switch and no extra wiring is required. Guard rails prevent train from leaving track, even at high speed. The patented fibre rails prevent short circuit when train passes over switch points. Remember, the more switches—the more fun!

No. 223 Right and Left Hand—15¼ inches long, 8⅝ inches wide. Includes 42 inches of cord, controlling lever and two lamps.
Price Per Pair, $12.00

No. 223 Right Hand Switch. **Price, $6.25**

No. 223 Left Hand Switch. **Price, $6.25**

No. 222 "Lional Standard" "Distant Control" Illuminated Switches (Right and Left Hand)—15¼ inches long, 8⅝ inches wide. Price includes electric lamps and 42 inches of cord to which controlling levers are attached.
Price Per Pair, $11.00

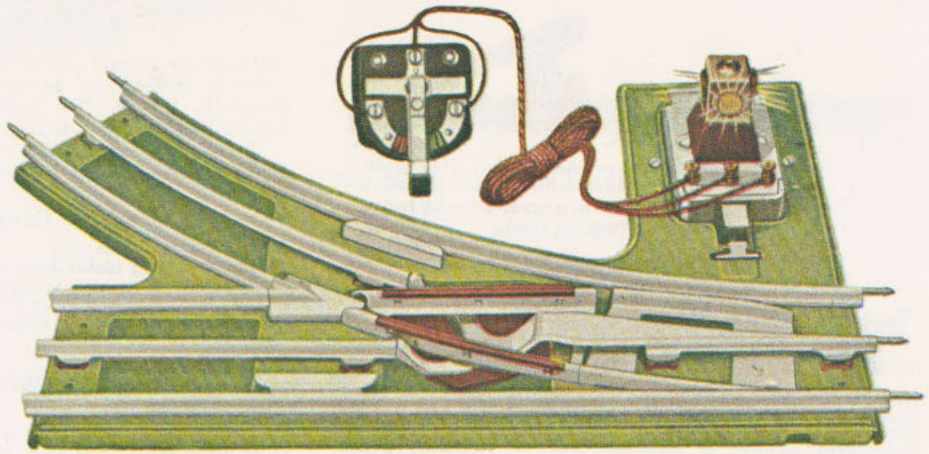
No. 222 Left Hand Switch. **Price, $6.00**

No. 222 Right Hand Switch. **Price, $6.00**

No. 012 Lionel "O" GAUGE "Distant Control" Illuminated Switches (Right and Left Hand)—10½ inches long, 7¼ inches wide. Price includes electric lamps and 42 inches of cord to which controlling levers are attached.
Price Per Pair, $9.75

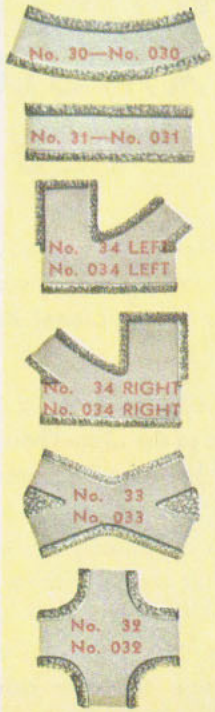
No. 012 Left Hand Switch. **Price, $5.00**

No. 012 Right Hand Switch. **Price, $5.00**



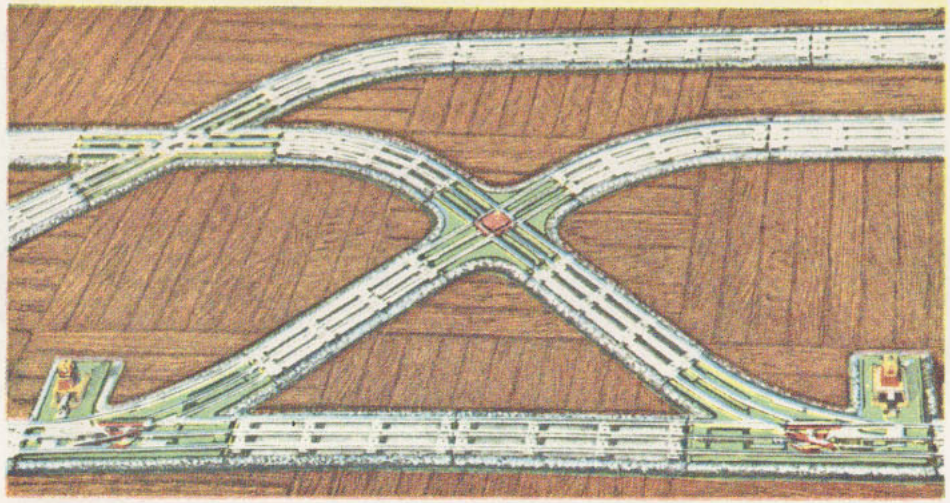
No. 222 and 012 Lionel "Distant Control" Switch (Right)
No. 223, same as above, but with new non-derailing feature

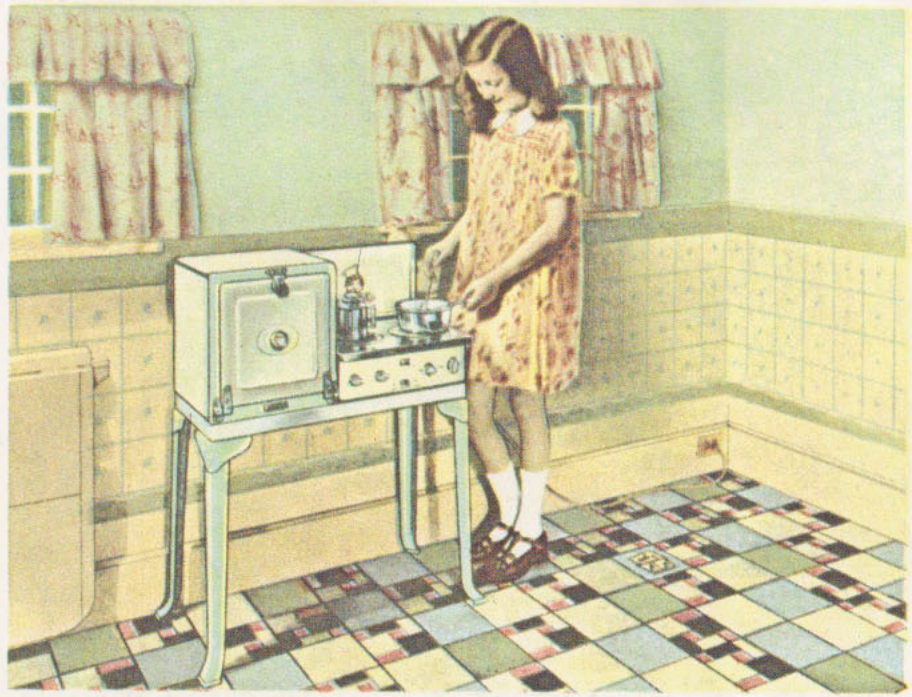
Lionel Silent Track Bed



ONE of the most important contributions to Model Railroading. "Silent Track Bed" with its moulded edges resembles a rock ballasted road and adds greatly to the realism of your railroad. It silences the sound of a moving train. It holds the track rigidly in place without fastening, and protects floors. Made of first grade sponge rubber. Can be had in "O" Gauge or "Lionel Standard" for straight or curved track, as well as for all types of switches and crossings.

FOR "O" GAUGE	FOR STANDARD GAUGE
No. 030—For curved track. **Price, $.20**	**No. 30**—For curved track. **Price, $.30**
No. 031—For straight track. **Price, $.20**	**No. 31**—For straight track. **Price, $.30**
No. 032—For 90° crossing. **Price, $.50**	**No. 32**—For 90° crossing. **Price, $.75**
No. 033—For 45° crossing. **Price, $.50**	**No. 33**—For 45° crossing. **Price, $.75**
No. 034—For switches. **Price, Per Pair, $1.25**	**No. 34**—For switches. **Price, Per Pair, $1.75**





HERE is a real gift for the little girl. The Lionel Electric Range has been built with the same principles of quality—the same painstaking methods of manufacture that have made Lionel Trains "The Standard of the World."

The Lionel Electric Range is an efficient toy range with all the practical features of a large range. Solidly constructed of steel and with a high grade porcelain finish. Oven walls are heavily insulated with asbestos, keeping exterior cool. The cooking surface is of stainless steel and easy to keep clean.

There are two electric units in the oven, one bakes and the other broils, either of which or both can be used by means of the two switches on the left of panel board. The two open burners have a capacity of 625 watts each. They can be operated by the two right switches on the panel board, singly or together. A toggle switch throws all the current into the oven or into the burners. While the current is on, a pilot light shines red. The oven door is equipped with a thermometer showing the temperature in the oven. Included with the range are five cooking utensils.

The Lionel Electric Range will initiate the little girl in the art of cookery. There's lots of fun in playing housewife.

Width, 25 inches.
Depth, 11 inches.
Cooking Surface, 25 inches from floor.
Height overall, 33 inches.
Oven, 9½ inches square, 10 inches deep.
Diameter of Open Burners, 5½ inches.
Cooking Surface, 14¼ inches wide, 11¾ inches.
Heating units in oven are 625 watts each.
Open burners, 625 watts each.

No. 455 **Price, $29.50**

HOW TO GET MORE FUN AND THRILL OUT OF YOUR LIONEL RAILROAD

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THE MODEL RAILROAD MAGAZINE FOR EVERY BOY
SUBSCRIPTION 50¢ A YEAR
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RAILROAD SIGNALS and WHAT THEY MEAN
Types in General Use
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This Certifies That
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THOUSANDS and thousands of boys in every state of the Union are full-fledged members of this famous model railroading club. There are members even in Canada, South America, England, Australia, South Africa, China and Japan. Wherever you go, you will meet boys wearing the Lionel Engineers button. You will see hanging proudly on their walls a framed certificate proving them qualified members of the famous Lionel Engineers Club.

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(2) Membership entitles you to a full year's free subscription to the Lionel Magazine—the only model railroading magazine published. Each issue is packed from cover to cover with information you need. It gives you full details on how to make all kinds of new track layouts. Tells you how to use bridges, switches, stations and signaling systems. How to solve actual problems of railroad operation; how to tell the different types of signals and locomotives; how to recognize the insignia of famous railroads, etc. It gives you thrilling stories of the true adventures of famous railroad men, it tells you all the fascinating history and romance of railroading from the early days right down to today. Nobody except a member of the Lionel Engineers Club can get this magazine—and no other magazine at any price gives you all you get in the Lionel Magazine, free of charge.

Apply for your membership today. A year's membership includes full voting privileges, engraved membership certificate, handsome bronze button, and bi-monthly issues of the Lionel Magazine. Only fifty cents. Use the coupon.

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Gentlemen: I hereby apply for a full year's membership in the Lionel Engineers Club. I enclose fifty cents in (stamps) or (money order) to cover initiation and dues, full voting privileges, certificate and button, and a year's subscription to the Lionel Magazine.

My Name.....

Street.....Age.....

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